

AKA

Nature
Notes

by

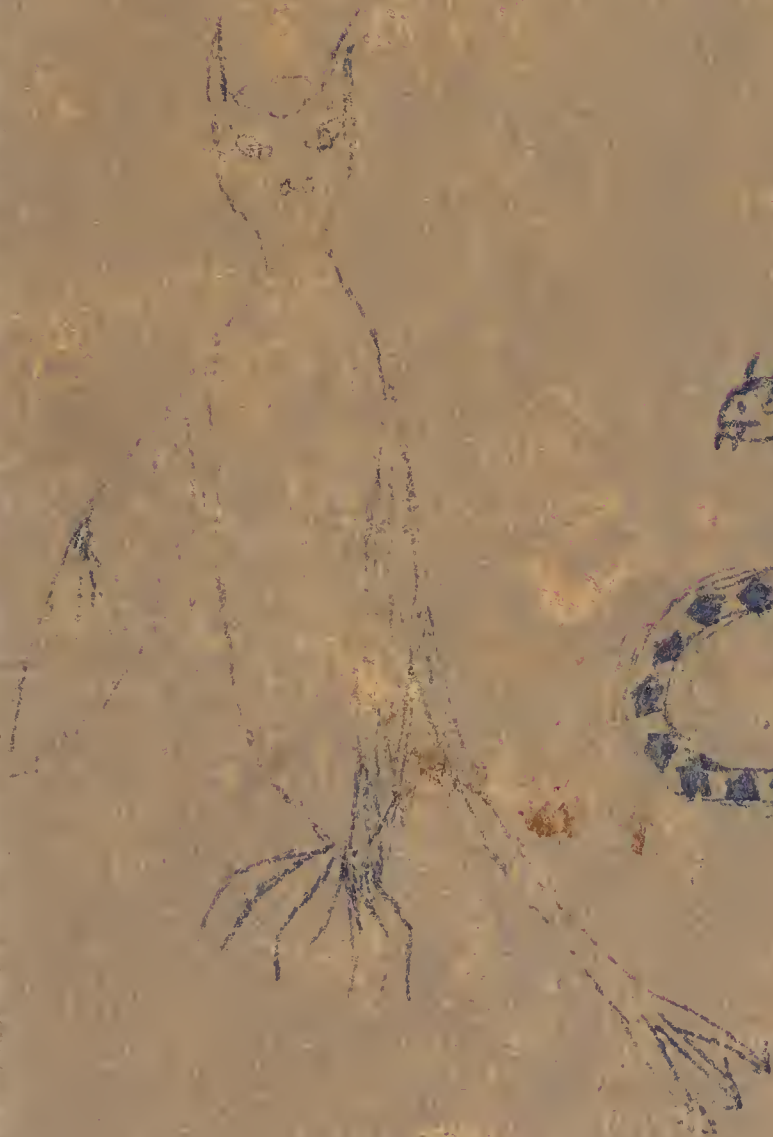
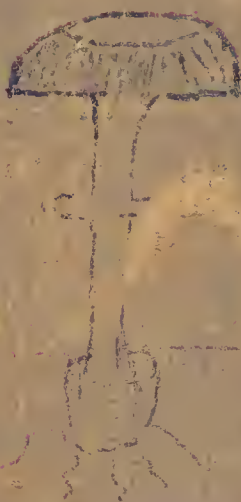
Russ

Greenberg

(Alias

Montana

SIM)



India reading list

Hinduism R.C. Zaehner

Journey to the East Hermann Hesse

Canary Row

Intertidal invertebrates

of the Central California Coast

Light's

reviewed by

Smith, Petrick, Abbott,

Werner

The last Time I saw

Richard was Detroit in '63

and he said at romantic
meet the same fate,

Cynical and drunk

and boring someone in

some dark

Cafe

Joni Mitchell

VERNON
ROYAL

NO. 1130

COMPOSITION BOOK

FAINT RULED WITH MARGIN

120 PAGES • 9½ x 7½ IN.

No. 1130-P Has Numbered Pages

S. E. & M. VERNON CO., ELIZABETH, N.J. 07208
DIV. OF THE MEAD CORPORATION

"And when my hypos
get such an upper hand of me, that it
requires strong moral principle to prevent
me from deliberately stepping

into the street, and methodically
knocking people's hats off - then

I account it high time to get to

sea ... As soon

As

Possible"

Herman Melville

~~It is usually found~~ "It is usually found that only the
little stuffy men object to what is called "popularization"
by which they mean writing with a clarity understandable to one
not familiar with the tricks and codes of the cult, we have
not known a great scientist who could not discourse
freely and interestingly with a child." Ed Ricketts & John Steinbeck

See of Cortez

"Father, let us get a boat and sail away
There's nothing for us here
Brother, let us throw our lot out upon the sea
it's been done before" James Taylor

November 24

Van Damme State Park

(with mycology class)

Giant Salamander *Dicamptodon ensatus*

upper camps (Douglas Fir, Bishop Pine, Grand Fir, T-B Oak)

soil Damp

clear no recent rain

Found walking on surface. It was a large adult
approximately 7" long

3 *Ensatina*s in same area and numerous

Batrachoseps

Jackson State Forest on Jackson Road east of

Mendocino in Douglas Fir - Redwood

4 *Ensatina*s

Van Damme State Park - Fern Canyon

Seeps with mossy rocks heavy *Ribes* overgrowth

Olympic Salamander *Rhyacotriton olympicus*

adult sex? app. 3 inches long pale green slipped through
my fingers

2 adult *Taricha granulosa* in Fern Canyon

both were ventrally quite red-orange - dorsally
quite black and had picture book head patterns.

2 *Taricha granulosa* in small drainage ditch

9.13 miles north of Sonoma County rt. 1.

males in aquatic condition (large bulbous vents)

9.13 location of large *Muscicora* patch

6 Gray Jays at Van Damme - some inches from touching 2

(again impressed with darkness of back and head
compared to Rocky Mt. Birds.)

Dec. 1 Narry's Lagoon

Clear + Cold

Red-tailed Hawk (mal)

Mallard 20+

Codwall 3

Widgeon 1

Shoveller 1

Cal. Quail

A. Loon

A. Gull

Killdeer

h. Sandpepper 2

Gull sp.

Mourning dove

Anna's hummerbird

R.S. Flicker

Black Phoebe

Bushtits

Blue-gray gnatcatcher (1 ♀)

Ruby-crowned Kinglet

Robin

Hermit Thrush

Yellowthroat

Red winged blackbird - 30

Tricolored Blackbird - 12

Starling 10,000 ±

House sparrow

western meadowlark

Pine Siskin

House Finch

Brown Towhee

Song Sparrow

Golden-crowned sparrow

white-crowned sparrow

Song Sparrow

Oregon Junco

Dec. 16

Pt Reyes xmas count

Todd & Ginger, Roy & me

Pelagic trip off Pt Reyes: Bodega to Abbotto
and 1 1/2 miles offshore back.36° ~~W~~ winds from East 20-25 mph.

(27 species in circle)

Common Loon (30)

Arctic Loon (50)

Red-throated Loon (5)

Fulmar (12)

Brundt's Cormorant

P.C. Cormorant 1

Pelagic Cormorant (mostly)

Great Blue Heron

Snowy Egret

Bufflehead

White-winged scoter

Surf Scoter

Ruddy Duck

Red-breasted merganser

Common Goldeneye

Black Turnstone

Whimbrel

Red phalarope (15)

Glaucous-winged gull

Western gull

Ring-billed gull

California gull

Heermann's Gull

Forster's Tern

Rhinocephalus Auklet (45)

Mottled murrelet (2)

Ancient murrelet (25)

murrelet sp. (3)

Common Murre

Pigeon Guillemot (12)

Loggerhead Shrike - 11 (2) 4 Coyotes
 White-headed Woodpecker - 2 (2) Bear tracks
 (11) (3) by Horton
 Yucca - 11 (2) Reservoir

35. ~~Harris Sparrow~~ Harris Sparrow (2)

Harlan's Hawk (1) (black phase)

Descriptions -

Tree sparrow, spizella-sized sparrows with reddish
 caps and shoulder marks. Warm cinnamon streaked back.
 Distinct white wingbars. two-toned bill and black stick-pins.
 Gray face and red eyeline. In willow Row near check station.

Harlan's Hawk seen in evening sitting.
 Showed only white chest spotting - all black. Flaw
 had red-tail shape and gray-white tail. Near check station
 at Horton area.

Out of Territory

Harris Sp. @ Road 302 near 304 both immatures.

Dec. 20 Honey Lake

Saw flashes of "spotted" owl at spot just
 north of Janesville cemetery. Not enough to
 say anything. Saw white-headed Woodpecker ♀
 at Mary & Jerry's in Jonesville.

Dec. 21 Arcata Marina & Sewage pond

Golden Plover and Burrows' Goldeneye ♀

Goldeneye (very rare in Humboldt County)

Bird had distinctive high forehead and lumpy
 head shape with an all yellow bill.

Prince George trip

Dec. 26 immature Bald Eagle at Vancouver Airport which
 has lot of Ducks & bulls.

Dec. 27 clear 5°-40°

Freak warm weather for P.G. I took long walk
 around Cranbrook hill & Garbage Dump. I saw 25
 Pine Grosbeaks, 12 Black-capped chickadees, 3 Brown Creepers,
 1 Cooper's Hawk, a Downy & Hairy Woodpeckers. I saw
 3 Flocks of Redpolls - Life-bird! On the hill and
 by Clark Crescent. I studied the flocks and saw
 "frostier" individuals, but didn't have anything more than
 an impression of variability. I also saw Ravens. Predominate
 Trees were Birch & poplar (chickadees), Alder Mt. Alder (Redpolls
 were in weed patches & Alders feeding on small alder
 cones) Lodgepole pines, White spruce, (Pine Grosbeaks)

Dec 30 snowy 17-40° Prince George Xmas Count
 with Carol & Frank McGeer, David and John Fiedor.

At cottonwood Island (Junction of Nutchako &
 Frazier Rivers, we saw 2 Pintails, 4 Mallards, and

1 ♀ Green-winged teal + 3 Duck und. 12 common
 Redpolls and a small insectivorous bird flock

which includes 25 Black-capped chickadee, 1 Boreal
 chickadee (rare in P.G.), and 4 Brown Creepers. We

also saw one very black imm. Red-tailed type Hawk. On

The Frazier we saw 4 American Mergansers. On

Cranbrook hill I identified 3 For certain Hairy Redpolls -

I clearly saw white rumps (when preening) on birds that

were distinctly pale. In Douglas Fir stands on trail between College Heights & Frazier, Northern Most stand of Douglas Fir, we saw 2 Gray Jays. These jays were less black on back and contrasting on head & darker gray underneath than Mendocino Birds. Saw daily total of 62 Redpolls, 17 Pine Grosbeaks, 5 Ravens, 1 Red sparrow, & 1 snowshoe rabbit.

Dec. 31 Hart Highway to Chief Lake Rd.

I refake of an undertone territory with Carolyn Mabee.

2 Mt. chickadees

6. Black-capped chickadees

3 Ravens

45 Pine Grosbeaks

1 Clark's Nutcracker

Total Prince George species

Common Merganser

Pintail

Mallard

Green-winged Teal

Red-tailed Hawk

Cooper's Hawk

Downy Woodpecker

Hairy Woodpecker

* Boreal chickadee

Mountain chickadee

Black-capped chickadee

Brown Creeper

Brewer's Blackbird

Raven

Clark's Nutcracker

Gray Jay

Common Redpoll

Hairy Redpoll

Pine Grosbeak

On January 7 I was crossing Rt 17 on near the summit observed a very unusual Red-tailed Hawk. It was in every way a typical light phase bird (all dark back & head, white chest, black belly band.) but had a white tail with pale rusty and a thin black band subterminally (as I've seen pictured for *kriderii*).

Jan 12 all about Heerman's Gulls at Twin Lakes (6-7)
Each had immaculate whiteheads

Jan 14 hike with Ridge and Environmental studies 1446 class from the chinks to Berg Creek Falls and onto the West Fork of Waddell Creek. I've done this area once, May 10, 1971 from Big Basin. I saw a Cooper's Hawk from the ridge. Nothing else of major interest: Pinyon Nuthatch, Townsend's Warbler (1), Chickadees, both Kinglets, Hutton's Vireo, Titmouse. The vegetation on the ridges was chiefly predominantly *Arctostaphylos*, *Quercus chrysolepis* (scrub variety), and *Pinus attenuata*. We walked through cut over Redwood-Tanbark Oak and also descended into a Redwood Canyon by the Falls (Golden). We found numerous newts and batrachoseps, a few Ensatina, and one extremely small adult.

I saw a bear for running near the marsh trail straight →

Giant Salamander under a small Redwood Bark Slab.

We saw a few Maidenhaars, and on the cliffs by the Falls both Gold & silver saw Five-Fingered Ferns, ^{several} *Sceloporus biguttatus*.

A few *Dentaria californicus* blooming; *Pseudohydnum* with the ^{smallest} ^{of} ^{dead} Fish.

(Jelly fungus). Below silver Falls I saw a Dipper

Fly downstream and heard its double winterwren like notes.

⊙ We saw numerous newts mostly males with smooth skinned and flattened tail. We saw two large ♀ Newts.

do newt ♀ put on fat deposits before entering the water? I identified one to species type - *Taricha granulosa* -

According to Dodge both occur and I have found on

my previous experience in the area *Torosus* in the

chalks area. Several square yards of puffballs on ^{on West Fork} ^{Walden} ^{near} ^{Berry Creek} ^{valley} area.

January 13 - Another Oration in student Arts

January 14 - Night storm thundering against my window

left me in a cynical state so I didn't make it to

my 8:30 class. Temporary loss of student card and other

Frustrations added up to tense day. But beauty came through

and the swirling brown of the San Lorenzo - like an aerial

desert-view in constant motion - from last night's storm

mellowed me out. I went to Beech in evening with

Rick and it was covered with acres of timber - no dead

birds. Sanderlings really turned me on to birdness...

Jan 17 Sedal in bloom along Road by Library-UCSC. (*Gaultheria Shallon*)

Saw Flock of Purple Finches, Juncos, Golden-crowned Kinglets, and

a winter male Townsend's warbler outside library.

Writing For Kresge 44B

Tim Smith Americans in Nature

This is a monumental event for me. I haven't written a subjective paper since I got to UCSC and only English essays from my ~~real~~ faded high school memory appear to me as my last writing efforts. Today's effort is, of course, sponsored by a college lit class and I would remain uninspired to write anything except ~~that~~ over the past few years I've collected enough experiences to begin to formulate my spirally conscious thoughts into written words. ^{The} major blocks against writing have been my strong idealism so that no words I write could perfectly capture any rhapsodic stream of ideas I've had. ~~the~~ and my lack of will to commit myself.

Putting down a firm idea is a commitment to trust the validity of my own ideas... Today I am writing to sooth this tension in my stomach which has been gnawing at my entire body and head. If I don't put something down as a tangible piece of myself I will scream or at least get a bad headache.

First: what do I want to get out of these readings and myself? To begin to answer that I will ~~at~~ tell a little of my relations to nature. I ~~of~~ have fancied myself a naturalist from the age

of 8.7. of course this means a lot of different things. When I was 7 & 8 I liked squirrels and kept pets. In my late childhood I took up birdwatching and taking nature study classes at the local museum and travelling with my father. Anyway a distinct schizophrenia developed when I developed bird study as an increasingly important part of my life that remained unshared with my school friends. I took up bird watching as a competitive sport. As this, birdwatching becomes a hunting without killing. Its driven by an intense desire to possess a bird and to possess as many kind of birds particularly rare species as possible. Mixed with an intense egotism I was developing a ~~developed~~ I became a naturalist of many selves. One who hunted & competed, and one who ate acid and tried to regain the childlike innocence of my youthful nature appreciation - to throw myself away so to speak and become ~~an unconscious~~ a collection of molecules that flowed with nature - rather than ~~this~~ make a stand against the universe. Its this split that has been increasing and causing me the greatest frustration. I spent an intense year travelling around with bird freaks - eating acid - and looking at natural things - learning how to key out plants and learning the ways of reptiles & Amphibians. I really began to round out my knowledge.

I left my friends and came to UCSC and continued my scientific dissection of the

natural world and increasingly became the Observer. In ~~myself~~ this role I took classes and observed the world and reflected. I learned, did, and reflected and did all this to the point of being unable ever to stop. If I had nothing else to observe I observed myself. Being in Santa Cruz I was blessed with woods to walk through which I did - reflecting and identifying animals & plants. But, I could just as easily feel solitude in a crowd or with 2 people or with myself because I was always watching. In the past few years I've learned a lot of stuff and I can name a lot of natural things and processes. I've travelled around ~~and~~ the country and worked on a Ranch in Montana and hiked around the Palo Alto and Santa Cruz hills. My head is a veritable Encyclopedia of information, So I'm rapidly coming to the question I'm asking my benefactors - The great thinkers of American Culture. I have found the more I observe the less I am. Its sort of a human uncertainty principle. The more I observe nature the less I feel a part of it.

Emerson is a great expositor of the potential of the human spirit. He places the

human spirit as the creative side of nature. ~~The~~
 The human mind needs nature as input and as
 a mirror for the creative process. If that be
 the case then the urge I find to take my knowledge
 and experience and to turn it into something personal
 and to create something of fits right in with Emerson's
 view. Man is alone and is responsible to do ~~with~~ some-
 thing with the resources given him. A poet is
 supposed to take his observations of nature and to
 use them as metaphors for the expression of greater
 truths.

"In a higher manner the poet communicates
 the same pleasure. By a few strokes he
 delineates, as on air, the sun, the mountain,
 the ump, the city, the hero, the maiden, not
 different from what we know them, but only
 lifted from the ground and afloat before the eye."

(Idealism II) Nature.

and from the same section:

"Whether nature enjoy a substantial
 existence without, or is only the apocalypse of
 the mind, it is alike useful and alike venerable
 to me."

Looking at Emerson as a man he lived,

as I understand, as he wrote - with an idealistic and
 not a naturalistic view of nature. His writing to
 does not get down to the nitty-gritty writing of
 nature that Thoreau does. Nor is he the man of
 action that Thoreau was. He was a man who
 took his walks in nature to think of greater
 things.

I related to Thoreau better because he was
 a man of action and a naturalist as well as
 a brilliant thinker. His prose on nature are
 not written by one who ~~sees~~ ^{sees nature} with the
~~pure~~ simplicity of the Eastern nature poet.
~~He~~ He has much of Emerson's metaphorical
 expression of nature. He is basically a doer.
 Out there charging around and taking nature
 to possess it intellectually. He is an intellectual
 in nature. He is not mellow, living in the
 country and just hanging out. He is ~~an~~ identifying
 nature and ~~learning~~ actively learning about it.

We intercept this shift with some notes afield:
 January 18: I walked down to the Beach. Along
 the way I noticed lots more waxwings than
 I had previously. Once again they have peaked
 in late winter. I additionally saw two species
 of goldfinch. At the beach I observed the

Sanderlings and noticed that when following one bird the ^{feeding} motion is random and parallel the shoreline rather than in & out so much.

One gup was being chased by a ring-billed gull for a big morsel - it was really trucking - and the gull pulled the old land and bluff

the sanderling into landing track; but eventually the persistent sanderling won out. Most of the gulls

were Ring-billed with a few Mew in the

harbour (between jetties) there were lots of Westerns and ^{some} blue-winged, Merganser, V. Grebe, P.C. Cormorant, Surf Scoters. I noticed near breeding plumage

P.C. cormorant with bright blue-green eyes and flushed on project idea. Study adaptive significance of eye-colour in diving birds...

Jan 19 College Meadow (after rain previous night) weather clear & sunny (partial cover) a few Rebescens, Chantrelles under Oaks, Earth star in meadow, Sanicle leaves were up all over.

Jan 21. with Mike & Doug to Coyote Hills - clear.

The fields were all flooded. The grassy fields near the entrance had many Willets, Curlews, and Black-necked stilts.

The marsh was flooded and exposed a large flock of Ducks of which shoveller was most common with Pintail, Widgeon, a few Gadwall, Scaup sp., Mallards, Green-winged Teal, Cinnamon Teal. I heard Virginia rail. Tripped out

on the Harbor Seals, Elephant seal ♀, and Alaska Fur Seal in the Bioscience Lab. Coyote Hills are solid Chert (Franciscan). We walked along Bay and saw 2 short-eared owls and a few early wildflowers, - Brodiaea pulchella, Escholtzia californica, Ruchina, a Bush Lupine, and a monardella. We saw 2 vireos and 1 pair ♂♂, ♀♀ of Marsh hawks. We went to Field by Dumbarton Bridge and saw 1 Burrowing owl. All the Citellus beecheyi were in fresh spring pelage.

In Reading Thoreau I flash on my reactions upon reading Carlos Castaneda's Books particularly A Journey to Ixtlan. The energy required to become a man of knowledge seems to preclude putting energy into relationships with other people. It's a lonely life. To most people nature is a backdrop - an art work to be admired. To live a life as a total naturalist - to ~~make~~ ^{use} one's soul as a sensitive organ of nature - requires total concentration. A Walden-like experience. Everyday I walked around and a little bit of my soul gets ripped off by all the people I see and Fantasies about. And all the intellectual masturbation I indulge myself in. Self-indulgence is the key to it all. I won't live forever so the only thing that keeps me from liberation is my vanity. I got a nice letter from Pam today. Told about her quarter's plans...

My Fear of women is a great self-indulgence.

Jan 22 Today I asked Jane - The red-haired girl in my lit class over to dinner. stop this persona Russ and just know she'll like you. I went also to life drawing and drew a nude model. Its really fun and sensitizing and all that.

I should write some about the Scarlet Letter: The story had such a strong flavor that it really dominated my mind while I read it. The heavy emphasis on dualism was a different use of wilderness than the romantics Emerson and Thoreau. The Puritan ideal was portrayed as being down on human dignity and freedom and thus down on wilderness & it took one who had gone into the wilderness and transgressed the civilized world to look back and see the phoniness of the repression. Wilderness to Emerson is a symbol of the power of the human mind whereas the Forest to the Puritan mind was Freedom to sin. Pearl the real liberated person of Salem was the product of the mixing of Crossing of into a "moral wilderness".

The Book had a pure allegorical flavor and I could only read it as such.

Assignment - Draw muscles from legs down

End of March - Jasper Ridge with Jane & Steve

Notes on reading 'Hinduism' Zehner P.C. Oxford 1966 N.Y.

4 Basic Hinduism (Rig-veda, pantheistic monism, enlightenment, social conscience)

1. Rig-veda after Indo-European invasion

a. Pantheistic 6 important gods: Varuna, Indra, Agni, Soma, Rudra & Vishnu

Agni is bond between human & divine worlds, because he brings fire (not parallel to Prometheus myth).

Soma (muscicaria?) "pave the way for that greatest identification of all - that of the human soul with the Absolute itself."

Indra - warrior god who dethrones Varuna - the all powerful.

"Indra is essentially the destroyer of 'power to resist'"

These gods parallel caste system Indra-warrior, Varuna-Brahman he has a human character. Maruts are Indras companions - storm gods - playful and fearful

"Indra and the Maruts, then, represent both the eternal renewal of the cosmos by the violent destruction of the old constructing order, the annual renewal of the earth's life at the advent of the rainy season, and the subjugation of the human & divine enemies of the Aryans. Indra himself is also the apotheosis of the fighting hero, the ~~the~~ Kshatriya

Varuna is the great guardian of the cosmic law, was the universal monarch from the beginning. Varuna stakes claim to sovereignty ~~of~~ law. - Indra appeals only to naked force.

Varuna keeps rta cosmic law & truth rta - rta precursor of dharma. Constant contradiction between dharma as set rules or high moral laws.

Varuna is dethroned to form much of Rudra. J. S. S.

"Varuna inspires both dread and the hope of being delivered from the dreadfully; Rudra inspires terror and

most paradoxically, a fascinated tenderness for the terrible. 'He kills and he makes alive; he wounds, and he heals; neither is there any that can deliver out of his hand.'

Wrathful


"In Rudra the opposites meet, but are not yet reconciled; and this is one of the reasons that this terror-inspiring god was able to develop to his full stature as Rudra-Siva, for in Siva all opposites were to meet only to be transcended and reconciled."

"Siva and Vishnu are the Great Gods of classical Hinduism, Siva as we have seen, is prefigured in the Vedic Rudra."

"Indra prefigures Vishnu's incarnation as Krishna, and Rudra has many of the characteristics of Siva and the precursor Dharma."

not mention of ~~that~~ Karma, Samsara, Moksha, Brahman.

Jan 23: After Bio discussion I went on a mushroom hunt with Rick & Lyn. Lyn is a Crown friend of Rhonda's and is a Bio-Anthro major. She's quiet and has a funky Santa Cruz appearance and seems nice; but her voice does not fit her quite. We went from the Bookstore down the gully below Central services to the Library, across to the chancellor's house down the gully to the low wallow across the Grade to the Western Drive area.

Under a Redwood by central services we found Tricholoma that's yellowish with a slight annulus. We found a sweet and smelling clitocybe. and a few Lepistas (Blew.H.) near the cow wallow in the gully ^{near steep slope Oaks & Redwoods} under ~~an oak~~ We found lots of Cantharellus cibarius and a large ring of clitocybes. No Ducks on the low wallow. I saw the old Black Red-tail over Kresge at 11:00 am and over the cow wallow at 2:00 pm with a light-phased adult. In the routine by the chertelle patch (steep slope) Lyn picked up a medium-large ♂ Toricha granulosa with distinct dark vent band. It had a swollen vent and slightly flattened tail and a  tooth pattern. In the great meadow across Empire grade I saw a dozen Zygadenus fremontii minor. Further down past some houses we found a pasture with horse shit on which we found a few peniculus (so get unidentified) and lots of stropharia growing out of the shit. I am going to describe these later. We reached cemetery Road (sic) and went across to Rick's Peniculus patch. When crossing the fence we got hung-up on the top and screamed at by the Rancher and upon entering the field we got chased by a bull. But we collected a couple dozen peniculus which Rick ate 5 of ~~that~~ at night a didn't get off. I saw 1 Red-breasted Sapsucker in this area.

Tonight I taught my Bird class - 4 people showed up and I had a great long-winded time rapping about

birds.

② Jan 24: Today was really busy, but mellow. I slept through Bio I Film and took a walk behind Apple Sci. Near Nat Sci Library I saw *Viola ocellata* (two-eyed) in bloom. I found 10 heliopsis on Nat Sci lawn. I found 2 old leucophaea behind Apple Sci under Redwood. I saw 3 Fox sparrows in the Great Salamander Gully. Jane cancelled out on dinner to catch the 2:00 bus to the Bay area. She's coming over Monday. I really like her. She seems really intelligent and definite...

We rapped about Scarlet Letter in Tim Smith's class. I really see a lot in that book. The whole but is a book in answer to the romantic crises of Thoreau and Emerson. He's showing people in their real - non-perfectable states. All the people in the book are torn by the dualisms which are particularly prevalent in our generation & post. But his constant ironical reference to the way things were way back in "the old days" makes it clear that he's still cynical of the "romantic" ideal. Hester is ~~an~~ a living compromise between her wild youth and her adult cynicism. Her wild youth is symbolized by Pearl and the wilderness. To me cynicism is ~~the~~ a state of mind which places the observer in a more detached position.

Hester's "A" made her aware of Hawthorne's premise: we are all sinners and so ~~the~~ defilement of purity makes schizophrenic in everybody. ~~And~~ she can recognize those who have committed similar crimes most particularly the most revered Minister.

The call of ~~the~~ ~~the~~ Hester in the scene with the Minister is for the minister to reform and break free of his crushing self-expectancy. The most important thing in his love for Pearl & Hester. Pearl doesn't become a woman until the minister kisses her.

In the end ~~Hawthorne~~ ^{Hester} calls for a prophet, a woman, of rim-able beauty and freedom (a Pearl?) to point the way to better male/female relationships. It is interesting that Hawthorne attacks the problems of the romantic ideal and its apparent worldly failure through sexuality. An area avoided by Thoreau & Emerson, and the area of prime focus for modern day romantics.

I really felt the spirit of the book as an answer to Thoreau and Emerson. And they reflect a lot of my own self-doubts. He says in the beginning that he has here to Thoreau's Hermitage and other Utopian efforts and ~~he's~~ ^{he's} all alone at last rather humiliated. And he answers the Emersonian view of nature & human nature as free to conquer world of creativity by showing the reality ~~of~~ and purpose of human suffering.

Jan 25: I Fucked off most of today - ate some Avocado and cheese Casadella - Read The Journey to the East by Hesse. A good book to read to put my faith into India. The book is a somewhat autobiographical sketch of Hesse's last in faith in "the search" and his sinking into despair. Poets lose themselves to crack and merge with the cosmic whole.

PS: I forgot to write about my Experience with Penicillin. On the evening of Jan 24 I ate ~~10~~ 15 mushrooms from those that Rick & I ~~ate~~ collected 2 days hence. I ate them at home and went out once to take a short walk in the rain. The effects were generally that of a very mild acid trip - physically. - Acid mouth, stomach, speedy (increased heartbeat) sensitivity to light and color. Definitely a mellowed experience than Muscaria - not the physical discomfort; but not the "trip" that the psilocybin mushrooms ate at this fall were.

Jan 26 Beautiful Fucking day sun woke me up in my window and I woke up well rested to read Moby Dick. I went to campus stopped to Mary Silver about my India trip. I now have to go to Ken Norris to get my credit. She rejected me nicely. I saw a Western Bluebird ♂ on a T.V. aerial on a house near Mission & Walnut.

Jan 27 Our Buddies the Birds Trip to Elkhorn slough

cold clear, tide going out to low. Todd, Ginger, me, Kondo, A. pros, Sally, Betty. 7:30-1:00 pm. 50 species

Common Loon 5

Red-throated Loon 4

Arctic Loon 1 dead partial spring plumage

Western Grebe common

Horned Grebe common

Eared Grebe common

Brandt's Cormorant few

Double-crested Cormorant 2

Pintail few

Shoveler few

Cinnamon Teal 5

Greater Scaup } 50
Lesser Scaup }

Common Goldeneye 1

Bufflehead 1

White-winged Scoter few

Surf Scoter common

Ruddy Duck common

Red-breasted Merganser 2

Common Egret 1

Great blue Heron 1

Coot

Avocet few

Black-necked stilt few

Black-bellied Plover

Snowy Plover 1

Killdeer

Long-billed Curlew 2

Marbled Godwit Common

Willet Common

Greater yellowlegs 2

Long-billed Dowitcher 1

Dunlin

Sanderling

Least Sandpiper

Western Sandpiper

Glaucous-winged gull - 2

Western gull Common

Herring gull 2

California gull Common

Ring-billed gull Common

Mew gull Common

Heermann's gull 2

Bonaparte's gull Common

Forrester's Tern Common

Mourning Dove

Rock Dove

Water Pipit

~~Then~~ Red-winged Blackbird

Brewer's Blackbird

House Finch

American Goldfinch

Scrubby Sparrow

White-crowned Sparrow

Off the Jetty I saw

a whale spout & a

Harbor porpoise



January 28

Doug and Mike surprised me today by taking me to Monterey. Bright sunny spring Day. Feeling good and mellow. Watching good. Went first to Pacific Grove (Pt. Pinos) then to Coast Guard Pier and Moss Landing. (Stopping to rip Artichokes off in Salinas River Mouth.

^{Most Adult} Heermann's gulls had clean white heads; a few had dusky heads - 2nd winter birds?

The theme of the day is weather it would be better to be a Sea Lion or a Sea Otter.

This a hard debate. The Sea Lions mellowing out on the end of the Coast Guard Pier were appealing to my sun-worshipping self. But watching a Sea Otter seriously slide through the water along the pier only to pull out a giant crab which it consumed with total glee! Seeing the Stellars Sea Lion on the Rock of Lighthouse pt. Santa Cruz in the evening was the epitome of a hard rugged sea life. Even this particular rock is a sewage barrier to be mounted. Then the Harbor Seals flipping cross-flipped around in the Pt. Pinos shallows had my mind in a whole new direction.

~~The~~ A few Pelagic Cormorants were white flanked and a few Brandts had white facial feathers.

Common Loon

~~Arctic~~ Arctic Loon

| | |
|-----------------------------------|--|
| Western Grebe | (20 dead along shore at Klamath - not shot with 1 Horned & 1 Bred) |
| Horned Grebe | |
| Eared Grebe | Killdeer |
| Pied-billed Grebe | L. B. Curlew |
| Broadt's Cormorant | Whimbrel 1 Pt. Pinos |
| Pelagic Cormorant | Mourled Godwit |
| Mallard | Wandering Tattler 1 Pinos |
| Pintail | Willet |
| Shoveler | L. Billed Plover |
| Cinnamon Teal | Surf Scoter |
| Common Goldeneye 1 ♀ creeps pond | Black Black Turnstone |
| White-winged Scoter | Dunlin |
| S. of Scoter | Sanderling |
| Ruddy Duck | Least Sandpiper |
| Red-breasted Merganser | Western Sandpiper |
| White-tailed Nite - 2 | Glaucous-winged gull |
| Marsh hawk | Western bull |
| Red Red-tailed Hawk | Herring gull (C. banded) |
| Spotted hawk | California gull |
| Black-crowned night heron | Ring-billed gull |
| American Coot | Mew gull |
| Black Oystercatcher (2 Pt. Pinos) | Heermann's gull |
| American Avocet | Black Bonaparte's gull |
| Stilt | Forster's tern |
| Black-bellied Plover | Common Murre |

Band-tailed Pigeon

Mourning Dove

Rock Dove

Hummingbird sp.

Belted Kingfisher

Scrub Jay

~~Common~~ Common Crow

Chestnut-backed Chickadee

Plain Titmouse

Pygmy nuthatch

Mockingbird

Robin

Varied Thrush

Cedar waxwing

Swainson's sparrow

White-crowned sparrow

Jan 29

Read and Discussed Walt Whitman's Song of Myself.
 Walt Whitman - Ed Ricketts - The ideas have become
 confused in my head. I never free myself enough to
 put out the viewpoint of Whitman. It's always a "yes, but..."
 and of course the underlying cynicism. Robert Hunter
 is a lot like Whitman in the embracing of opposites.
 The Dead - those angelic Devils. Whitman ~~never~~ doesn't
 use the filter of moral judgement that haunted Thoreau.

• Ho's the antithesis of Hawthorne - The positive side of the moral wilderness. It's getting as hard for me to endorse Whitman's view as it is to endorse any "hip" view of people and the world.

Jane came over for dinner. • It's a strange feeling of at once being really comfortable with her and embarrassment for ever feeling the cynical and uncomfortable feelings. ~~It's all good.~~ It's all good.

Jan 30. David is really an asshole. He didn't fix dinner tonight because all the money wasn't in the jar. He had 5 dollars; but you know "principals". So I'm really in a funny place about India. I really want to go but I can't see putting up with a real egoist for 7 months. Wait and see... I also don't see where Rick and Ronda are - are they sincerely misled by David or are they too insecure to object.

Lots of people at my bird class - 8. Good class. • Talk on Bird Description, Feathers, Topography... Real enthusiastic people.

Jan 31. Discussed more Whitman today sans Tim. We read the Body Electric aloud and though I'm dominated by elite poetical reserves the poem is a ideal tome. Jane laid out anti male-chauvinism rap against Whitman. She's

really a moralist and its had^{to} criticize poets or people so blanketly.

Whitman isn't totally free - but he's free enough to say what's on his and all people's minds.

Jan 31. Joan Minnick called me up and told me a new grosbeak had showed up with a yellowish breast. (she had previously seen one with red-underwings.) I rode my bike over (its on Entrance st. in Monterey Park) and arrived at 3:30, within 15 minutes it came to her close Peach (!) tree and perched for a minute and flew to her feeder where it fed on seed with House Finches for several minutes.

It was a grosbeak. The bird was $2\frac{2}{3}$ times the bulk of the Finches and $1\frac{1}{2}$ times as long.

It had a very thick pinkish-horn colored bill. The overall aspect of its underparts was ^{pale luteous to luteous} ~~deep ochre~~ ~~ochre~~ and the mid belly was yellow. On a small patch. The sides from the shoulder along the length of the wing were lightly streaked, the lowest belly ^{thighs} and undertail coverts ~~are~~ were whitish. The tails, wings and back were largely gray-brown (chazel). The back was ~~also~~ streaked with vinaceous buff and ~~the~~ the streaking of these two colors extend to the nape. The wings had two distinct wing bars with white edgings to some of the

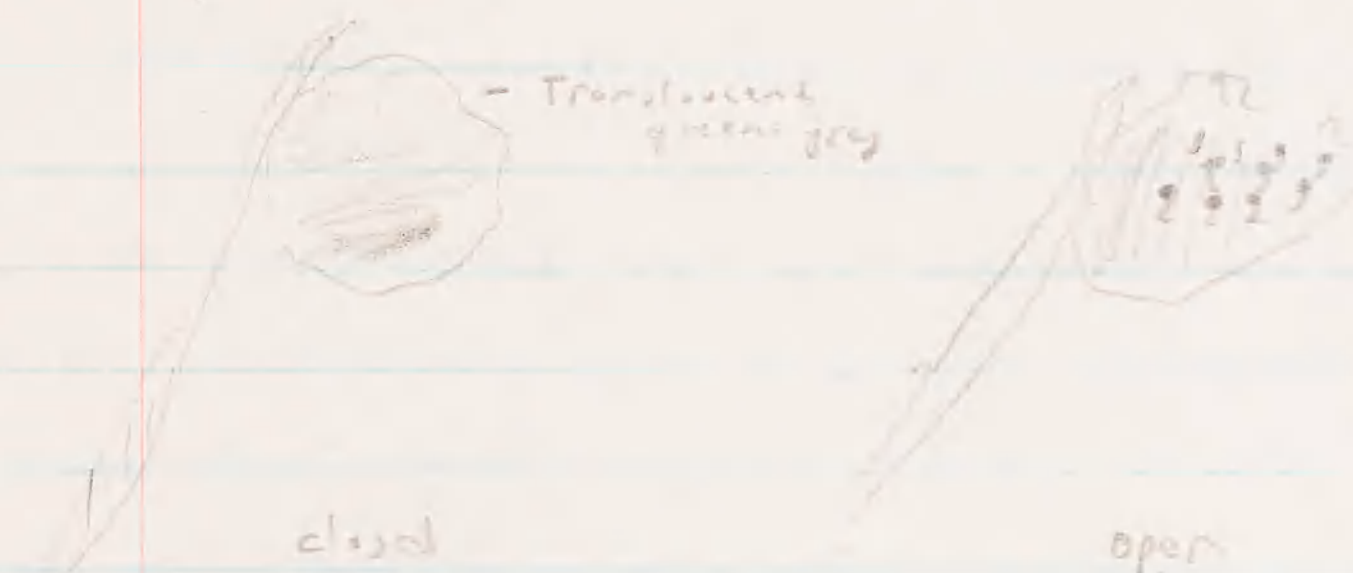
secondaries. The central crown is heavily streaked with gray-buff and browns; the crown stripes were hazel extend back to the nape but not connected across the nape. The eyeline was ~~ide~~ brown vinaceous defining a white superciliary stripe which came all the way around the dark cheek forming a distinct ~~for~~ stripe. The cheek patch was brown defined sharply on all sides by darker brown. The luteous of the underparts extended to the throat and over the shoulder where it met the streaked nape and the white ~~a~~ facial stripe.



I saw a B-crowning owl sitting by the vertical pole near the Republic at 11:00 a.m.

February 2. I went with Judy, Steve, & to Marshall Fields from 9:00 - 12:30. Overcast & chilly. Saw 2 adult Eucalyptus. Lots of B. trichasiceps. 2 sharp-shinned Hawks - Black Red-tail over

Marshall Fields. A Many Red Hygroplites - yellow gilled Trichalones, a deliquescent ~~Corn~~ Coprinus micaceous, a Phenol Agaricus. In small puddle in Marshall Fields saw ^{many} Amphibian Egg masses. Gelatinous sacks ~~all~~ across some were beginning to open ~~on~~ ~~resort~~ and the partially open ones had small black embryos.



Flowers: Arctostaphylos (three-lobed kind)

Zygadenus fremontii minor Marshall Fields
spore

Oenothera ovatum a few in Marshall Fields
Blue witch around crown

Hairy Woodpecker

Anna's Hummingbird

Chickadee

Robin (2)

Pigmy Nuthatch

Varied Thrush (many several)

Rise Kinglet

G. C. Kinglet (lots)

Hutton's Vireo

Townsend's Warbler 2

Goldfinch sp. singing

Peep Finch

O. Junco

Merced Nat'l Wildlife Refuge Feb. 3

Los Banos

Bird class, Terry, Sally, Todd, Ginger, Roger Lucenbach, Jerry Thompson et al.

Overcast and cold (being in Santa Cruz)

Started at 9:20 at ~~El Nido~~ El Nido

Birds:

| | | |
|--|------------------------------|------------------------------|
| Western Grebe | Santa Cruz Am | Common Egret |
| Eared Grebe | | Snowy Egret |
| Pink-billed Grebe | | Great Blue Heron |
| Canada Goose | (several hundred) | American Bittern |
| Snow goose | (large flocks far away) | Virginia Rail 2 heard L.B. |
| Mallard White-fronted goose | | Common Gallinule 5 near L.B. |
| Mallard | | American Coot |
| Pintail | | American Avocet (Merced) |
| Redwill 2 Los Banos | | Black-necked stilt (L.B.) |
| American Widgeon (large flocks on refuge) | | Black-bellied Plover 2 L.B. |
| Shoveler | | Killdeer |
| Cinnamon Teal | | L.B. Curlew (common) |
| Scaup sp. | | Greater Yellowlegs (common) |
| Ruddy Duck | | Short-billed Dowitcher |
| White-tailed Kite (6) | | Long-billed Dowitcher |
| Sharp-shinned Hawk | | Punlin |
| Marsh hawk | White-brown (3:30) | Least Sandpiper |
| Red-tailed Hawk | | Western Sandpiper |
| *Rough-legged Hawk 2 | | Common Snipe |
| Ferruginous Hawk 2 adults | (1 - El Nido, 1 Sandy marsh) | L.B. Gull |
| Sparrow Hawk | | R.B. bull |
| Ring-necked pheasant | | Great Horned Owl by Hedges |
| *Sandhill crane | | |
| *White-faced Ibis (40-50 L.B. near Bottomwillow) | | |

Red-shafted Flicker

Black Phoebe

Say's Phoebe

Tree Swallow (coming out over Merced)

Scrub Jay

Common Crow

L.B. Marsh Wren

Robin

Water pipit

Loggerhead shrike

Starling

Myrtle Warbler

Audubon's warbler

House sparrow

Western Meadowlark

Red-winged Blackbird

Tricolored Blackbird (1)

Brewer's Blackbird

House Finch

Savannah sparrow

Oregon Junco

White-crowned sparrow

Golden-crowned sparrow

Song sparrow

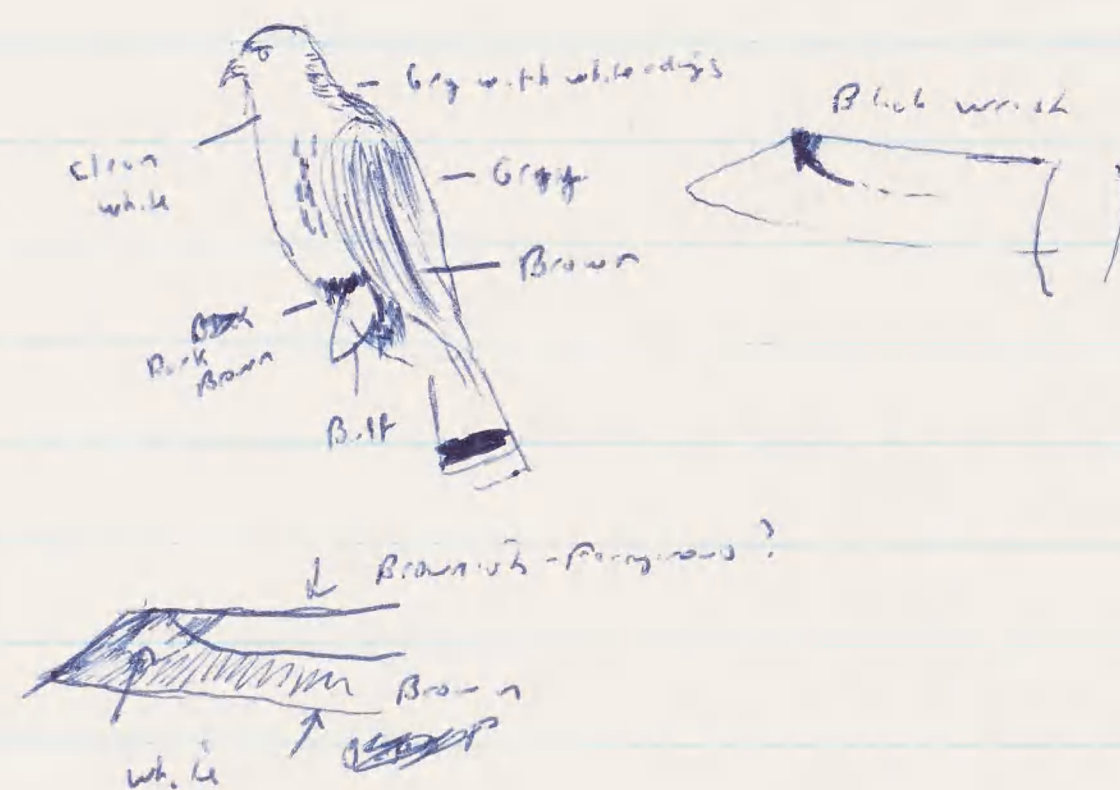
Mammals: Coyote (1 on Refuge looked like Waddell animal with
downed tail without dark tip)

2 Audubon's cotton-tails

Jack Rabbit

Rough-legged Hawk.

Bird seen on Mexico Refuge Flying and Perched at a distance. ^{photo of Quaker} My First impression was Ferruginous due to its immaculate white head and underparts and white patches at the primary bases. From on top. The tail showed a distinct black subterminal Band and upon close inspection the bird had white ^{thighs} ~~legs~~ and a thin dark belly band across thigh region. The "wrists" were black. By long Wings & Tail and small head I am sure this was a Rough-leg type. Adult ♀?



This had Brown speckled heads with no white.

Sandhill crane 270 in one flock more common than I've seen them.

Volucellas by Mexico Hwy. with Noctua (stephanie-like without annulations with Brown spines).

Feb 4: Heard to Great Horned owl

calling simultaneously on Russell's Ridge an hour before dusk.

February 6 Talked to Verli about sponsoring India trip for credit. Feeding-A. He gave me one credit and that I go see Stephens to learn the best way to take notes.

Feb 7 First Redwood violet in Redwoods by library. Nat 301

Few two spotted violets near library.

Feb 8, VOSC

5-6 Johnny-dump v's in field below stu apartments.

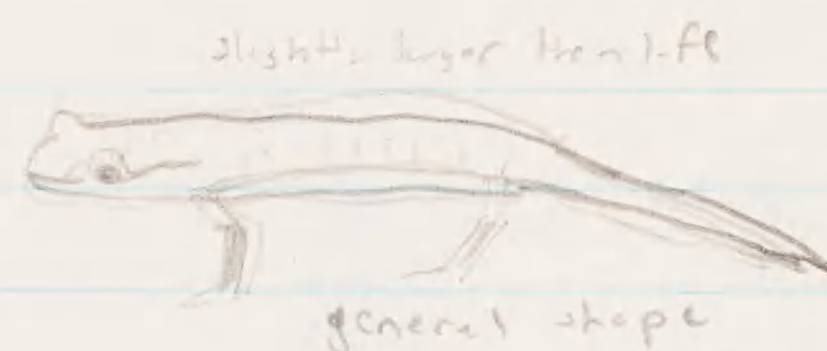
Just across from stu apt across road I saw 8-12 Larkspoons and 2 western bluebirds. The ♂ bluebird was really intense blue without ^{color of} my dog's chest box and the throat was equally intense. Perched on Barbwire and fed in meadow - flycatcher from tree clusters. Larkspoons fed in field and flitted to cluster.

Saw 2 ♂♂ together 100 yds up ^{Heller} ~~high~~ pine lot at 24 gardens near Kasey playing field. Rincon Road.

I looked for young anoles found by Larry on top of First Limestone Kib. I found one on the edge of a small grassy area at base of the Marble cliff. I turned over many rocks in a dried soap under redwoods but I found this animal in a pile of Marble fragments in the open. The pile was open with loose fragments on a bed

of moss covered rocks soil moist. Nearby plants:
 Small redwood, small *Rhamnus californica*, Blackberry, *Oxalis* etc.
 dorsal color at distance spotted very dark above close
 up it was dark covered with extremely dense green pigment spots
 { total length } with larger pale blue leucophores.

Highest concentration of green on eyelid and a solid
 mass of green color dots at eye base gives yellow
 appearance. Belly slaty gray with blue-white spotting.
 shape slender with relatively large head



- slightly larger than life
- 2 more under water rock in grassy area - very
 - moist soil - with *Batrachoseps* similar to first
 - 4 more under rocks in fire ring with *Batrachoseps*
 - and *amphispelma* - in meadow
 - 4 more in rock ground meadow
 - 1 large *Ensatina*

Small pool by Rincon Roof looks
 possible for *Rana* later on

Base of Rincon Redwood-Bay
 Small *Ensatina* under Rock

I've seen small young black salamanders in Cave Gulch
 in October (different age class) that were slimmer, smaller headed
 and jet black with fine white speckling.

I've seen young above at in old Reservoir and in Berkeley
 Hills that were very similar to these animals but were
 perhaps less slung, olive and more yellow speckled above.
 These animals were approaching *Masticophis* young Blacks in
 pigment color though much less dense. I saw similar
 animal last spring in Upper Quarry.

Feb. 11 4:00-5:00 Sunny Overcast & cold

Todd and I went to me to look for mystery gull
 at Twin Lakes Lake. It was at the Duck Feeding
 Spot. There were 50-75 gulls mostly Westerns, a few
 Glaucous-winged, 1 2nd-year Heermann's. ♂♂ Buffed Heads
 really chased I gave that bird the precedence award.

From deep blue-green to purple to green on the black head.
 8-10 greater scarp. (For the most part they had all greenish
 glazed rounded heads with clean white sides). The sides
 on some got dingy. Nice strong wing-stroke on Purpure.

I saw the gull 30 feet out swimming. It later
 flew. The gull was large (about Western-sized) although
 its white aspect made size-determination tricky. The
 Bill was heavy yellow with red spot on lower mandible
 and strongly hooked. Iris was dark brown and the
 bare skin around eye was red. The bird was all white
 with a few brown flecks on nape. Wing Feathers were
 buffy and the back was mostly white with a bit of
 pale gray contours on the upper back.

Western gull eyes are more yellow-orange (b-l color).

Because of eye-ring and eye color I believe it to be
L. glaucopterus (Glaucous-winged gull).

Feb. 12

A Raging pedantic day. I've really neglected writing about my literary adventures. I finished reading Moby Dick last night at 11:30 and drank wine, listened to the Dead, and wandered around the city streets. Today we discussed it in T. Smith's class. There's so fucking much to this book my head is really buzzing. I've drawn a lot of parallels with Journey to Xtlan in my head. Leaving the comforts of shore life, divorcing himself from the humanness of Starbuck, repressing his appreciation of the beautiful and mellow, to carry out his one act of revenge. His life is a self-made allegory. He has ruled out all hazardous humanness for a calculated battle against an unsympathetic Universe. He has a dark nature, inclined to self-made fire. Against the regularity and timeliness, all encompassing Ocean, Sun, Whale. The whale is natural light - white and the presence of all light. The whale is the creator and destroyer for whalemans; the supplier of oil and the ultimate death for whalemans. Color comes from the character of things; white is the infinite. Ahab is crossing ~~the~~ the ultimate passionless superiority of the infinite against the human spirit. The price that Ahab pays for

this fight is his monomania, his dependence on Fedallah; he. At the end of the Book he can really see into Starbuck's eyes to see the mellow things (wife and child + Nantucket) he's ignored to pursue his monomania.

"All greatness in man is a kind of disease."

Sun vs. Fire

Moby Dick is just. He flopped to one harpoon out of an intact boat with his Flukes.

The thing I admire the most about Melville (and Thoreau), is his ability to rap about these details of whaling and then to create grand philosophical theories of them. All the details of the book are on one level really fascinating just by virtue of Melville's enthusiasm and also used quite tightly in the story, particularly the last 50 pages.

~~Thoreau~~ This weekend was really strange. I saw The Dead at Stanford, Pat's Alto guitars, Birdwatching World For CFO meeting, Peter Egan, Douglas, and Joe + Patti. Joe + Patti seem to dig the India thing. Peter was just weird. Birdwatchers were on their pseudo-scientific bullshit, and the Dead were, as always, out of sight! Indian Warriors on Rt. 84. Feb. 10.

Feb. 13.

Helen Kennedy reported Rufous hummingbird

at her Feeder. ^{4:00 PM} Walked 1/2 block down street
 saw 5-10,000 cedar waxwings. Chased up - saw
Pigeon Hawk ♂ swooping on the flock perching in
 Conifer then swooping again - and splitting at a
 real fast clip. In waxwing flock saw aberrant bird.
 Pale Buff chest & back; pale yellow-belly. ^{Pale} Grayish wings & rump,
 with black eye mask. Really stood out. On 2nd try to Beach
 Saw text-book adult Thayer's gull. It was on a
 Telephone pole at Loggia & Pine. It has small black wing tips - but
 pale gray underneath - mirrored, of course; Thick yellow bill, relatively
 small rounded head with very dark eye. The eye-ring was lavender.
 The back was flooring-gull color. I've never seen eye-ring color
 before. Never made it to Beach.

Feb 14 [☀] Sunny A.M. cloudy - to Rain then clearing later.
 Looked for young Anolis under marble rocks in
 Upper Quarry - found one that looked similar to Feb. 8
 animal; but wing skin showed back color different.
 More orange flaring in the olive. It was in shade
 at Quarry bottom under small rock on soil. Found very large
 Euscorpius under rock at trail end of Quarry. It had
 a bulbous vent. Walked ^{down} health center ravine
 and out to Fuel Break Rd and back to Apple Sci bridge
 to College Foot bridge. Saw 6 Euscorpius 2 medium,
 1 small, 2 large (bulbous vents), 1 very large.
 Found log under Fall 1 Foot bridge with 12
 Batrachoseps (3 Foot log) - 3 small & med-large.
 Behind Apple Sci saw Centipede carrying yellow
 egg sack under log.

Arctostaphylos blooms falling in Fuel Break Rd. Chaparral
 A Ceanothus populaceus coming into bloom. Blue with in
 bloom in beginning of H Center ravine N of Road.

Abundant gurgled in ravine between Loggia &
 Apple Sci. (A few) still lots of dead on.
 Saw large Anolis perched on ground type behind
 Apple Sci & a patch of pretty redish topped
 Marasmius. First Allen's Hummer in Chaparral on
 Fuel Break Road wing full and some green back.
 (My weather schizophrenic was reported to me from
 Yakky harbor).

Things I've been thinking about
 transcendentalist ambition
 re. Moby-Dick (Moby Dick)

"In the serene weather of the tropics
 it is exceedingly pleasant the maddened day, to a
 dreaming man, it is delightful. There you stand,
 lost in the infinite series of those sea
 venge often do the captains of such ships take
 those absent-minded young philosophers to task,
 upbraiding them with not feeling sufficient "interest"
 in the voyage, half-hinting they are so hopelessly
 lost to all honorable ambition; their secret souls
 would rather not see whales or otherwise. But
 all in vain, these young plutocrats have a notion their
 vision is imperfect."

"and perhaps, at mid-day, in the fairest weather, with one
half-throttled shriek you dip through the transparent air
into the summer sea, no more to rise. Good it well, ye
Pentheus!"

In a letter Melville says that just because we
have transcendental Feelings doesn't mean it should
always be that way.

Now that we've got a moment to stand

What have we got

Do we like it or not

Kindly King of light will explain the fine details
in the long run

but for the short run

the usual ambition, greed and just a touch
of goodwill

we put what Faith we can muster there

not much and not often

but not Never, this far

We build a way to get time

We build a way to grab on to chunks of it,
choke on it but would not spit it out

when so much effort has gone into getting
the damned thing half swallowed

(cf: Amoeba That Ate the World by Lefty Hamont)

one Day perhaps all ambition will subside
leaving only eternity

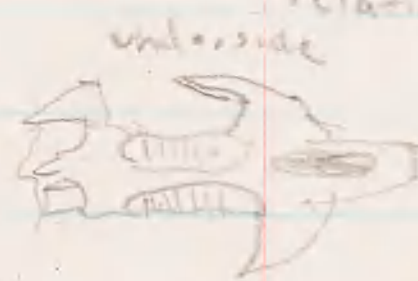
Pipers, poets killers and men of state

to one drunken reel
given enough microphones of right impedance
we will record it
thanks for supporting us
G.D.

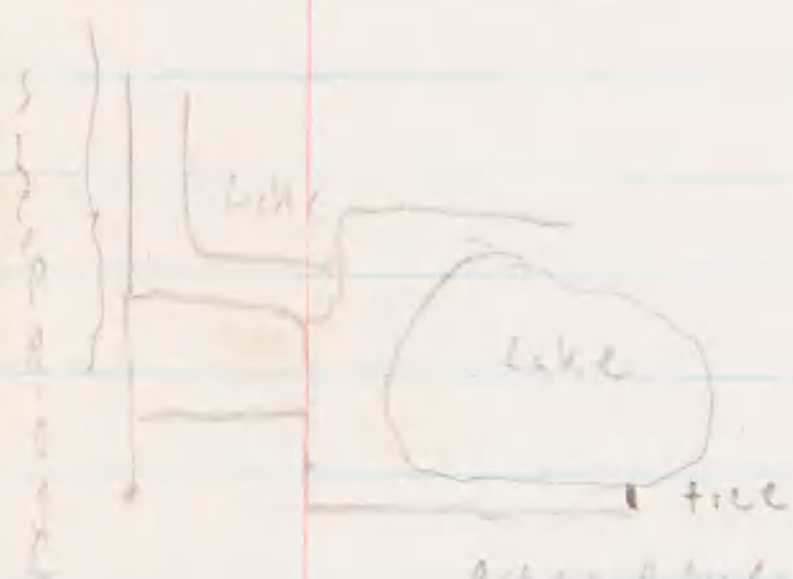
Ahab of over-developed will and intellect

Feb. 15 Spring, beautiful, Fair-est day! high energy
Set in Bio I discussion and dreamy water hawks
circle. I've seen Burrowing owl by burrow near
temporary pond along Empire grade everytime I go by.

Went, with Nick to Marshall Fields. The Fields were
very damp - few flowers, some seed sprouts, a
few Zygodontas. A small patch of Redwood violets
in Meadows down Chicagoan Road. There were lots
of Zygodontas, a few Oenothera ovatum, and 3
Dodecatheon. This meadow is higher & drier
than Marshall Fields. Between the Fields and the
first meadow we found the rare Centropogon tuberculatus
(Smith, not Arora) and by Marshall Fields we found
Centropogon. Lots of Russula nigrescens (Sp). Found
a rodent skull and bones in ^{in a} pellet. They seem to match size and
relative eye orbital - snout position of Dusky-footed Woodrat



Feb 17, Truck in around Tule Re Fdge. weather sunny lake early
 last night was super-cold but North Face pulled me was a red
 through woke up. Hiked to steep ridge heard canyon wren
 Sing. Geese echoed of ridge so it was like two parallel
 geese flocks slightly off synch. At beginning
 of visit saw four ~~deer~~ a mulrout. Also
 saw 3 goats on Rocks. Found Freshly killed young and
 lots of other old bones under my place on cliff 15 eggs
 (inc in) around Tule Lake sitting on ice.
 Saw Adult Golden Eagle on road out to Men. Highway



tree → Found seen of catastrophic
 grazing area

- Found seen of catastrophic -
 Dead pheasant 1 murre head
 2 Pintails 2 Coyote Foot
 1 Ruddy
 1 Wren's head
 1 Porcupine skull

(Saw imm. Murre on tree)

In rocks grow in some shells of clams small Chelocoma?
 3 theories for shells - 1 Volukoski-type catastrophic (further substantiated by above bones)
 2 Shallow tide-pools along former edge of Tule Lake
 3 Indians trading Along Klamath for valuable shells

2.4 miles N. of Tule saw H. Procyon Deer.

One had a distinct limp.

7 Roughlegged Hawks on poles in valley by
 Modellen

South of Modellen saw black Red-tail (Baldwin's type)
 Distinct yellow-eyes black black red crest, lighter eye-line,
 laminate tail.

Feb 19 White-Red-tail at Honey Lake ~~1000~~ head down

Sunny clear
 low 20°-50°

Slept

owl killed 2

miles in front

late night with

Bill Merdian talked

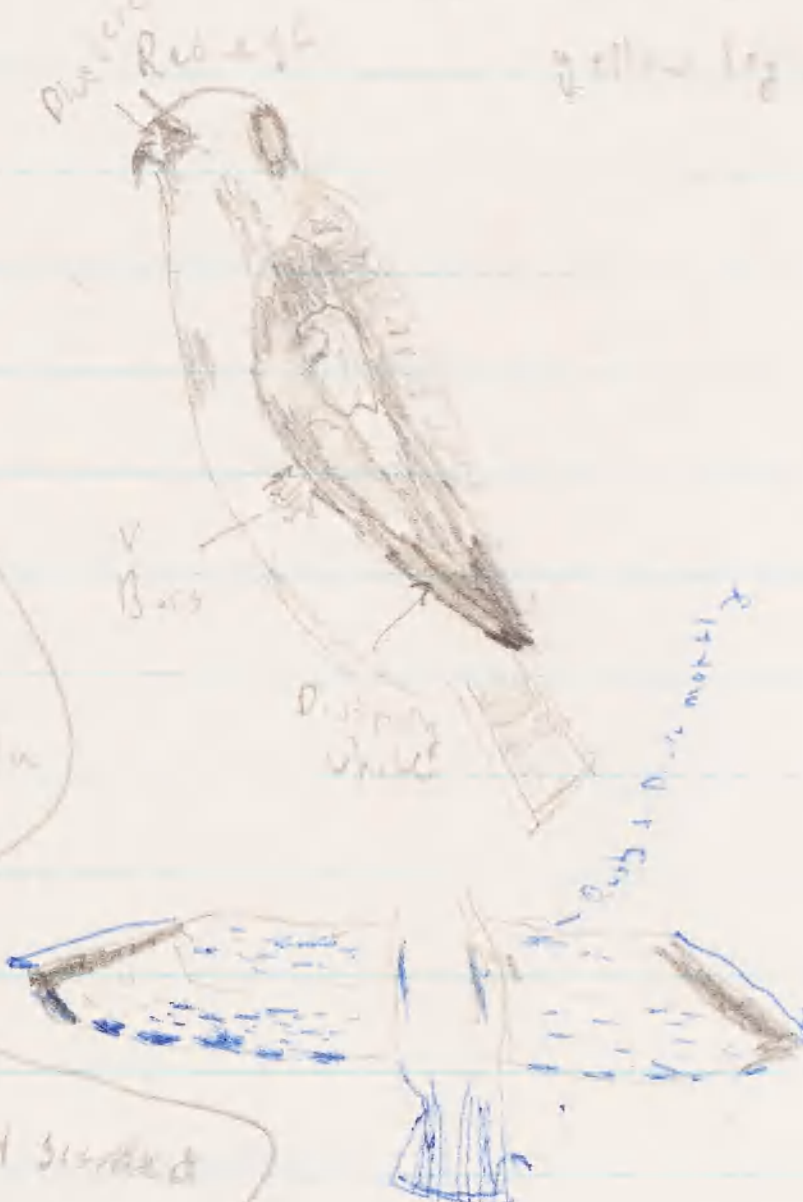
about *Coccyus lateralis*

with Bush & Bill.

History to

lost a Marsh wren

for hours. Got kind of startled



Symmetry:
 Symmetrical underwing
 dark tip to boundaries of primary
 2nd, 3rd, 4th, 5th rectrices
 all white on each side

Went to Super Grove 6:00 am saw 4 ♂ feeding about
 at Corral and 30 ♂ at the other side of 3rd rd
 becoming wild while activity



300+ Procyon in 2 large bands
 and scattered small bands - one band of 150-200
 had 6-10 adult wrens

2 Horned owls roosting on edge being swooped
 by the night-hawk. active nest NW corner of tree row.
 Harris' sparrow cat NW corner of Refuge tree
 road with 1 W.C., 3 Song, 1 Red-tailed along ditch.
 butting. Green, black chest spot & side streaks.
 Solved the Janesville owl mystery! Red, 2-bird, Georgeanne,
 Bill, Pika. Found pellets with Gray Squirrel skulls. Finally
 saw the owl close and saw Horned owl.

2:00 PM

Sunny
warm

Chico. Horlon's Hawk near Marlin's house



Jay's Phoebe
 Tree Swallow (some) Alameda Lake
 Steller's Jay
 Scrub Jay
 B.B. Magpie
 Y.B. Magpie
 Mountain chickadee
 Pygmy Nuthatch
 R.B. Nuthatch
 Bewick's wren
 Canyon wren
 Marsh wren

~~Meadow~~ Mockingbird
 Northern Shrike (7)
 Loggerhead Shrike (1)
 Townsend's Solitaire
 Robin
 Cedar Waxwing
 Starling
 Aud-bon's warbler
 English sparrow
 R.W. Black bird
 B. Bluebird

W. Meadowlark

Horned lark

Evening Grosbeak

Rufous Sided Towhee

Song Sparrow

Oregon Junco

White-crowned sparrow

Harris' sparrow

Feb 22 Sunny bright, spring smelling day
 looked at Burrowing owl by burrow near old

Reservoir - no pellets. 2 Bullfrogs plopped into row
 wallow. ♂♂ Allen's hummer by Reservoir. Reservoir
 pond really full - 2 cinnamon Teal, 1 ♀ Rufflehead.
 saw a few rannunculus & lots of Johnny-dump
 up in great meadow. Turkey Vulture

Feb 23 Starting rain. Cloudy, stormy, fog, alternating
 with sunset night.

On central drive - below Simpson's the 1st seen
 the unpublished Weasel sitting and then bounding.
 In fields saw Blue clover in bloom.
 Went to beach (near museum) saw 1 ♀ Cinnamon Teal
 in surf.

Feb 25 Bird class + trip to Pacific Grove. TAG, Ellen, & I
 Pt Pinos, Coast Guard Pier,
 Tidepool stuff. at Pinos - white nudibranch, small red
 nudibranch on red sponge, red solitary, coral, chiton, sea
 Squirts.

Red nudibranch Fastangon pulchra. Crod-egg ribbons



white-sided flounder

Diatela sandiegensis

At Coast Guard Pier within harbor saw small (15-20') gray whale rise! but not blow! 7-12 fst cal. sea lions and one female. Lots of large purple sand-white jellyfishes.

Sea Bat - patella minuta

Common Loon

Red-tailed hawk

Red-throated Loon

Sparrow hawk

Arctic Loon - (getting spring plumage)

American Coot

Western Grebe

Black Oystercatcher (2)

Red-necked Grebe (1)

Black-bellied Plover

Horned Grebe

Marbled Godwit

Eared Grebe

Wandering Tattler (2)

Pied-billed Grebe

Willet

Sooty shearwater (Todd)

Surf bird (2)

Brown Pelican

Ruddy Turnstone : Good Good Pig

Brandt's cormorant

Black Turnstone

Pelagic cormorant

Sanderling

~~Black-throated Loon~~

Glaucous-winged gull

Mallard

Western Gull

Cinnamon Teal

Herring gull

White-winged Scoter

California gull

Surf Scoter

Ring-billed gull

Ruddy Duck

Mew gull

Red-breasted Merganser

Heermann's gull

White-tailed Kite

Black-legged Kittiwake

Common Murre

White-crowned sparrow

Pigeon guillemot

Song Sparrow

Rhinceros Auklet

Bird-tailed Pigeon

at Cannery Road observed

Mourning Dove

small larvae actually feeding on

Rock Dove

mosquito larvae in a little puddle.

Burrowing owl

We kept the one to produce

Hummingbird sp.

Water Beetle larvae Water Tiger

Belted Kingfisher

Red-shafted Flicker

Scrub Jay

Common Crow

C.B. chowchuck

Mockingbird

Robin

Cedar waxwing

Loggerhead Shrike

Starling

Myrtle Warbler

Audubon's Warbler

House sparrow

Western Meadowlark

Redwinged Blackbird

Brewer's Blackbird

House Finch

Golden-crowned sparrow



Told David and Rick and

Black and Columbia

yesterday. Never seen David

in better mood

Today I feel the excitement

and frustration I get when

I want to learn something

new - this time

intermediate stuff. That's a

big step in the

frontier.

Feb 27 - Rainy wet, Trillium ovatum out
at Central campus

Todd, Gary, & I went out to Ellicott Lagoon 10:30 pm. Heard Hyla dorsus and a few Rana aurora (like a motor boat starting) uh-uh-uh-uhhh. Walked across pond and saw male Hyles with inflated throat, other Hyles, lots of tadpoles, and a few egg sacs. No Rana-poles. No salamanders and contaps there were overturned. Wined up with flat beer at the straw Hat. Standing at bus stop 9:15 after Basketball game in Rain saw young Anaxes lugubrus on path. Very different from young Anaxes I found on Rincon Road. It was dark brown with white speckling - not dark green.

March 1st. Lost checkbook, feel like a ~~big~~ piece of shit. I'm a disorganized slob and I'm also a stuck up asshole and I'm not a very good warrior to top it off. I really feel physically tense - I feel this way a lot. I wish I could be more low energy. Probably get more done.

Idea: Steelhead and Rainbow Trout as populations for genetics of migration & orientation studies!

Decided last night I was travelling around with bird buddies ~~and~~ (all I remember was Gorg) and we ended up in Prince George (didn't look like it) and Tim Monolis came and Anne was apore making strange comments and Beverly came and wanted to stay in my Palo Alto House until she could

find a new place to live and I meanly told her I was living in Santa Cruz - All the time I knew I shouldn't be treating her mean; but still thinking of ways to ~~be~~ excuse myself from asking her to stay in my S.C. House. I went out and David, my brother, was there and he had a real fat chin. He drove me up a grassy road (unpaved) and told me it was the main P.6 Road and I was glad he was there; because if he weren't I wouldn't go anywhere like in Montana... He later rapped to me about how hard it is to travel around with babies as he looked at baby sleeping bags. That's all I remember. Oh yeah somewhere there was a long Harlan's Hawk sequence. I even remember what the hawk looked like - it look like chicko bird with paler head, a light tail banded with dark.

I finished Reading See of Cortez a few days ago. It was a real nice book. I like the rap about biologist being the lustiest of the scientist. (Wish I could actualize...) And the rap about teleological thinking - I found I have used that idea a lot in my bird class talks and my day to day thoughts. Like the story of Xanthus. It was all good. The kind of "nature" book I like.

March 1 mixed weather & emotions - saw Calypso orchid
in bedded off area near communications. 10-15 plants in
1's, 2's, and 3's.



March 2 - sunny-spring! I felt really good walked
out behind apple sat after Oceanography. Between ~~between~~ ^{classroom}
building and Main Library on road back 2 people drew
my attention to a 2 1/2 ft. Santa Cruz Garter Snake
eating a withering Eusaurus! On same hillside saw large
variety of Zygadenus Fremontii (2 1/2 ft tall). Still lots
of Dentaria and two-spotted violet out. Under a log right
behind communication - 7 large Slender. At gulch where
road crosses (near Gint Salinas) saw two white Butterflies
'playing' together



on hillside above that under fairly open Madrone are
under cut madrone log pile saw two young Anoles.
They were dark brown with white leucophores and yellow
sparkling greyish belly - Distinctly squared toe-tips
1 length 1 - Anolis lybraus later found
one with adult (without spotting) right by Science
library. Saw several large Sceloporus Scutiger - and
caught one more Santa Cruz Garter Snake - It was



- Dicentra
formosa
David
collected
in
Swanton

very sluggish. I would have stepped by it, were it not
for a tick bored into my side.

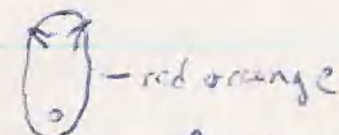
March 3, Rainy & wet.

Wpm trip to Monterey - Oceanography
Carmel River nudibranchs



Hermisenda
crossicornis

2



Rostanga pulchra



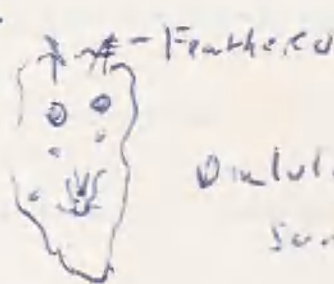
- yellow



at least two Harbor
porpoise beyond water color
change
off
Mass
hunting
pool
1 Forster
Tern.

herm. sendia?

2



Dicentra
sendigensis



- Feathered
- brown
to laterals

Archidoria Montezumensis

Lots of Balanophyllia elegans - Red coral

Anthopleura elegantissima - shelly anemone

Anthopleura xanthogrammica - Big anemone

Kelp Crab pygmaea

Blennies - green (large and small) Red snail - Chamaelea?

Lots of Lupinus near north of bed is good

March 4

Atto Nuevo Point Ruiny + overcast to mixed

Carl, Ellen, Todd, Dave + me 9:00-1:00

lots of Chrysothrix stellata on beach and abalone shells and a few ~~Pala~~ Black-Red Top shells. *Astrea inaequalis*. Dead Sea Lion + Elephant seal pup and skate. Tons of colony in tidepools. *Catagella latifolia* along coast and lots of Beach strawberry. 15-20 ♂♂ Elephant seals on Beach, Steller's sea lion on Island, lots of Harbor seals close to shore & visible from one spot.

Common Loon

Arctic Loon

Red-throated Loon

Western Grebe

Horned Grebe

Brant's Cormorant

Pelagic Cormorant

Great Blue Heron

Black Brant (2)

Swift Sooter

Common Sooter 12 (together at end of point)

Ruddy Duck ♂♂ spring plumage!

Cinnamon Teal 30+ in flock

Canvasback

Bufflehead

Red-tailed Hawk

Marsh Hawk

Sparrow Hawk

Turkey Vulture

Killdeer

Sanderling

Surfbird 2 Real close

Black Turnstone

Gadwall

Willet

Glaucous-winged Gull

Western Gull

R.B. Gull

Herring gull

Mourning Dove

Tree Swallow (2)

Selasphorus hummer (2 seen)

Red-shafted Flicker

Black Phoebe

Bushtit

Meadowlark.

Yellowthroat (singing) broad pale grey stripe above black mask)

Myio. He warbler

Red-winged Blackbird

House Finch

Purple Finch

R. Fox-sided Towhee

Savannah sparrow

White-crowned sparrow

Song Sparrow

Lincoln's sparrow

March 5 Campus

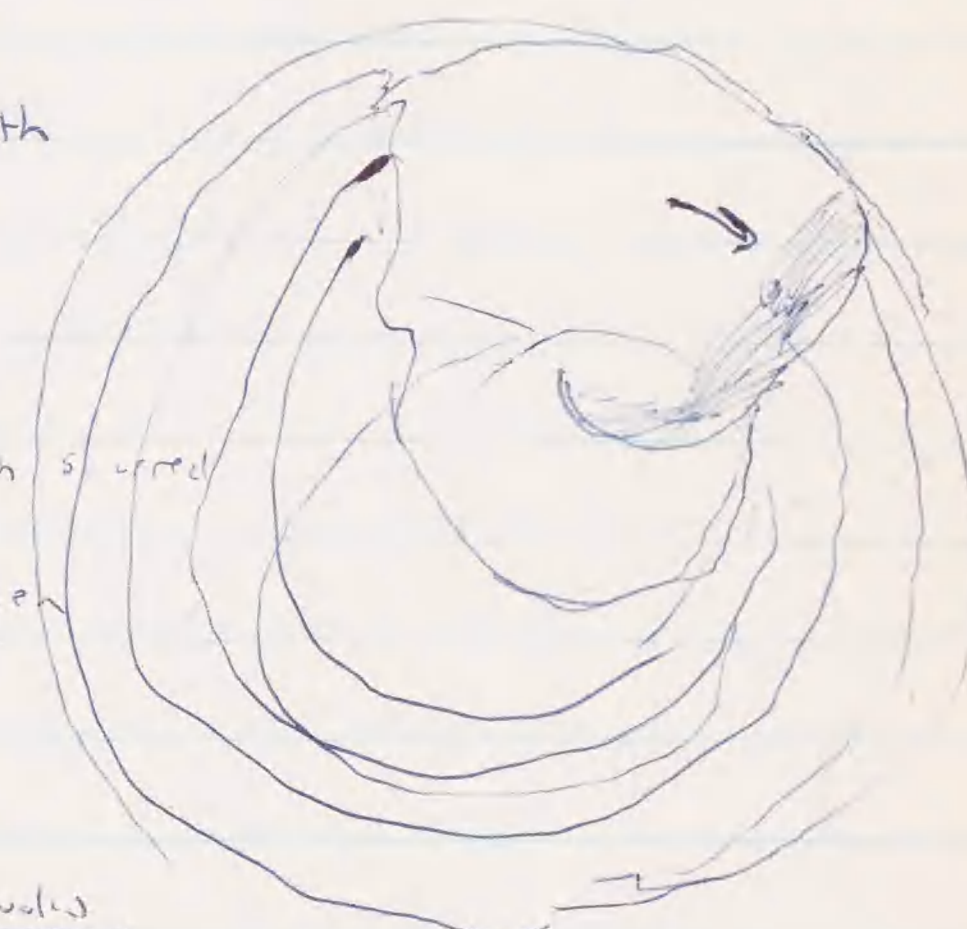
Sagittaria crassicaulis flowering

Cypripedium maculatum on College V. Path

Brewing owl - ship covered



size (1/2)

astrea inaequalis

Rt sized bottom

March 8

8 (6 ♂♂ and 2 ♀♀ - tape) Western Bluebirds near Pine + Laguna

First orange-crowned warbler March 9 outside of Ellen's.

March 11 - Overcast in AM clear in P.M.

went to Neely's Lagoon to check it out for breeding bird survey. Really nice. Went at 5:00 pm - 7:30 pm with Carl.

Mallard

Cinnamon Teal (6 pairs roosting in marsh)

California Quail. Flock of 10 flushed from ditch near sewer plant.

Ring-necked pheasant (heard and saw 1 ♂)

Virginia Rail (heard 2)

American Coot. Saw 3 in pond - heard 2 in Marsh
gulls overhead unidentified

Band-tailed Pigeon (Flying from Oaks by Bldg st.)

Mourning Dove (overhead)

Anna's Hummingbird. heard one and saw it do territorial dive

Black Phoebe 1 by pond

Rough-winged swallow 2 aerial

Barn Swallow 1

Common Bushfinch 2 in willow at east side of Marsh

Marsh Wren (heard a few)

Olive-crowned warbler (2 in willow at east side of Marsh)

Yellowthroat (heard 1 singing, several calls)

Red-wing blackbird mostly in periphery of Marsh
and by 2nd Road. no count

Tricolored Blackbird - 200 ♂♂ in tight group in

dead cattail part of marsh.

~~Brewer's~~ White-crowned sparrow large flock in East corner.

Song Sparrow.

Note significant change in blackbird pop. from December.

Hope to start mapping next weekend.

March 12

Flowers near College V. in Redwoods: lots of 2-spotted violet
Redwood violet

Trilium ovatum. Sirex

and Windflower (concomitant)

Back week for field study - lots of work

March 15 11:00-4:30 behind Crown College to Marshall Fields + back. Sunny warm day.

Flowers: Dodecatheon sp. & Lygodesmus on first meadow (and Senecio ovatum). Lots of Redwood violet in woods by Marshall Fields.

Mushrooms: one old Hygrophorus (Aul), 3 big Aulophorus in small meadow

Herps: log-jack before small meadow (N. Alligator lizard)

& 1 Ring-necked snake (took it home and lost it) & other Alligator

Lizard near path - under logs in small meadow saw young skink
lots of Sceloporus. Right behind Crown saw Santa Cruz beetle
Snake eating Hyla!

Birds: Lots of male A. Selphous (all from Allen) in display
in Monarda chrysanth. 2 or 3 ♂♂ singing orange-crowned warblers

Found 3 nests on Road by Steven's
Creek Park. 2 were eggs - all 3 were large
birds with black & white. I looked at tooth
prints of one and saw a mark of a hawk was
notably above the egg - had found around Santa
Cruz. Tencha Torosa.

March 23 Sunny-cool. Castle Rock Park 1:30-4:00 pm

Hiked on Castle Rock Trail. Trail goes down

Canons of Lithocarpus, pseudotsuga, arbutus, live Oak into
Chaparral (oak falls) dominated by arctostaphylos, cercocarpus,
chamise. Went up creek to grassy meadow on ridge.

top and saw fields of hemiphysalis menziesii (Baby Blue
eyes!) and a few shooting stars. Under Oak logs

saw adult and young shrew (adult had faded body stripes
and grey-blue tail). Mostly Black Oaks on top with some large
Canyon live Oaks. saw Quercus dumosa in chaparral.

March 24 Golden Park 1:00-4:00 with Doug, Big Springs

Longan. Saw R-fawn-crowned sparrow singing from tip of
Eucalyptus! (by a Banksia patch). several R-fawn hummingbirds,
New Flowers! lots of Prodraca pulchella, Sedum mauve flora,
Artemisia intertexta, Wigandia sp. pyram flower or white-forget-me
mots, a yellow umbellifer, Syrinchium bellum (a few).

March 29 - Trip to Desert Mike & Doug

Day 1. (up into over Pacheco pass)

Lots of flowers? Barria chrysostoma abundant
on east side of pass. lots more flowers. Prodraca pulchella,
Orthocarpus perfoliatus (local), Callitriche poppy, shooting star?,

lots of Bush lupine and scattered sky lupine
patches. lots of white-flowered bush lupine, yellow daisy ups.

R1, 5 fields of Orthocarpus - a few Delphinium - lots of large
Grap-vine area has incredible Bee Pasture! ^{white composite}

Blue-purple - orange fields and patches of reddish
(chopine, poppy, bulb's clover). I just want to walk through it
and sleep amongst the Bees, a few b.t.s.

Western Kingbirds up pass acetylus all leafed
out - Quercus lobata still bare.

Spring is great everywhere. I've been this vacation
Berkley, S.F., Tejon pass - all different in appearance
and spirit; but ~~different~~ the same in glandular response.

a few hours at the Museums in the park, watching
the crazy-boxed Dolphins and looking at Berkley ork
(I particularly liked the fisherwoman #73) got me
over-excited - too much input. Read Demian & Beneath
the wheel and Garden of Earthly Delights this vacation;
Fallen in love, on walks, with cities and hillsides.

Throw off cynicism and stay stronger than it is my
luck; because I can find Beauty in so many things.
It's so easy to stay high.

March 28, Joshua Tree National Monument

Hidden Valley camp to headquarters & 49 palms

Saw lots of flowers particularly in wash going
into 29 palm. Beautiful field of cover ^{conopsis huclovia} yellow composite, Dandelions,
^{home up or purple mat} Phacelia of 3 species including centerburg-Bell-
Phacelia, white gila, blue gila, phacelia of 3 species including centerburg-Bell-
Best flower so far, annual lupine, small yellow menziesii, onothera ^(white, to)
(white) and onothera (yellow) (breviceps?)

call
light
10:25

we
day
20-25

Plaster-pot (Worms) Chin, white-fig-tree pot, aminkia

Hiked up trail to 49 Palms:

minimus bigelovii, lupine, Oenothera biuncifera

Washingtonia - Hyla californicus calling - beautiful but stagnant

pools with puddlebugs and bullfrogs. Small black-spotted mushrooms

Met Todd & Ginger at 29 Palms Oasis

Camped at Indian Wells Warner (40°) - Desert spring lizard (Sceloporus magister)

Drove to Cottonwood Springs

entering Pinto Basin saw lots of flowers -

Purple phacelia, blue phacelia, 2 Oenotheras, yellow mentzelia, mentzelia

involucrata (large variety)! Puccinallium, Desert Noddy, Eriogonum -

2 glans, Zebra-tailed lizard

Pinto Basin Cholla forest - Escholtzia minutifolia - few flowers - Indigo Bush (Dalea)

Ocotilla - cactus in bloom

Cottonwood Springs Lotus rigida (2) pair of Anna's Hummers. Male perched on a twig.

A lot of caterpillars on road

Best flowers so far! - (yellow composite cover - purple mats, lot of conchery bells)

Lupine Oenothera

Spent night at (Cotton Springs - in wash) couple

Warm
head
Elmer-powell

pts of minimus bigelovii, Oenothera biuncifera, Oenothera (white)

a large Bush Sage Salvia mohavensis

Road to 66 from Desert center (under 1,000 ft)

new flora - sage-flats

Canyon Sand verbena, Desert Primrose (Oenothera deltoides), Desert Lily near

flower (rock) (Asperula undulata) few composites - prickly perry

astragalus sp.

Giant Sand storm

Harper: Hyla californicus (heard) 49 Palms

Sceloporus occidentalis (49 Palms)

Sceloporus magister Indian Wells

Chamodophorus tigrinum 49 Palms, Baty Bush etc.

Calisaurus draconoides Zebra-tailed Lizard Pinto Basin

Chuckwalla - 10-15 mostly males sandy wash 10 am 70°

on Rocks off 49 Palms trail

April 2, USC Beautiful saw one going.

Day ~~0000~~ First in quarter!

2 Gopher Snakes - one small on path

one large one (3 feet)

in meadow across

From Apts -

April 3 - days have been warm, clear, and beautiful.

Mulling into Spring Quarter taking Plant Ecology, Shakespeare,

and a field study under Norris at Norris's Laguna. Today (real

cloud) Engineer contractors around campus - one Red-necked woodpecker

but some real nice flocks and they found food on us (T&Gard I).

We walked behind campus and near bridge sight in Desert

Redwood - many in Madrone interface saw small Northern Alligator

Lizard and 2 Santa Cruz Gopher Snakes (one small and one large)

Scarlet Pimpernel, Redwood violets, Skellern (Crotalaria), a few

Synedrella mollis, Synedrella, large Zygadenus (Limonium)

lithium in bloom across from Health Center (with Rhododendron

plant & log). Western Flycatcher across from Health Center (heard).

April 4 new flowers at Surge site - Oenothera crinita (pink)

and Synedrella mollis, and Scarlet Pimpernel.

80 pullerbs on the 2 Blacks down Pie farm home

Went to Neary's Lagoon with Carl to spend a frustrated afternoon mapping out the whole must be greater than the sum of the parts; because the map never came out right, although our measurements were double and triple checked. Next things happening with birds but have to get this fucking map finished.

Many of the Ducks left and the Tonalara Blackbirds ^{Plach} switched over one patch of marsh from the dead patch to the green patch. Lots of Scaup in the upper area with Erythraea.

Mallard 2

Pintail 1

Green-winged Teal 1

Cinnamon Teal 6

Littlehead 3

Red-tailed Hawk (1 seen)

(no sparrow hawk)

Sora (heard whining call)

Coot

Shipe (11 in one flock plus scattered pairs)

Killdeer

Gulls (mostly western gulls)

Mourning Dove

out of area

Allen's Hummingbird - 1

Scaup in distance 5

Anna's Hummingbird

Violet Green Swallow - 5

Bristle (in willow by sand pond 2)

Violet (heard)

Orange-yellowthroat (singing)

Audubon's warbler (spring plumage)

Myrtle warbler (here trees behind big pond)

Western Meadowlark (1)

Red-winged Blackbird

Tonalara Blackbird

American Goldfinch (by small pond)

Song Sparrow

April 5 12:30 -

Neary's Lagoon

Sunny warm (met Bill Anderson)

Journal

Observing green-central section

Willow a saw male Red-winged Blackbird making a noise

like a comb being scraped plus a chucking noise like

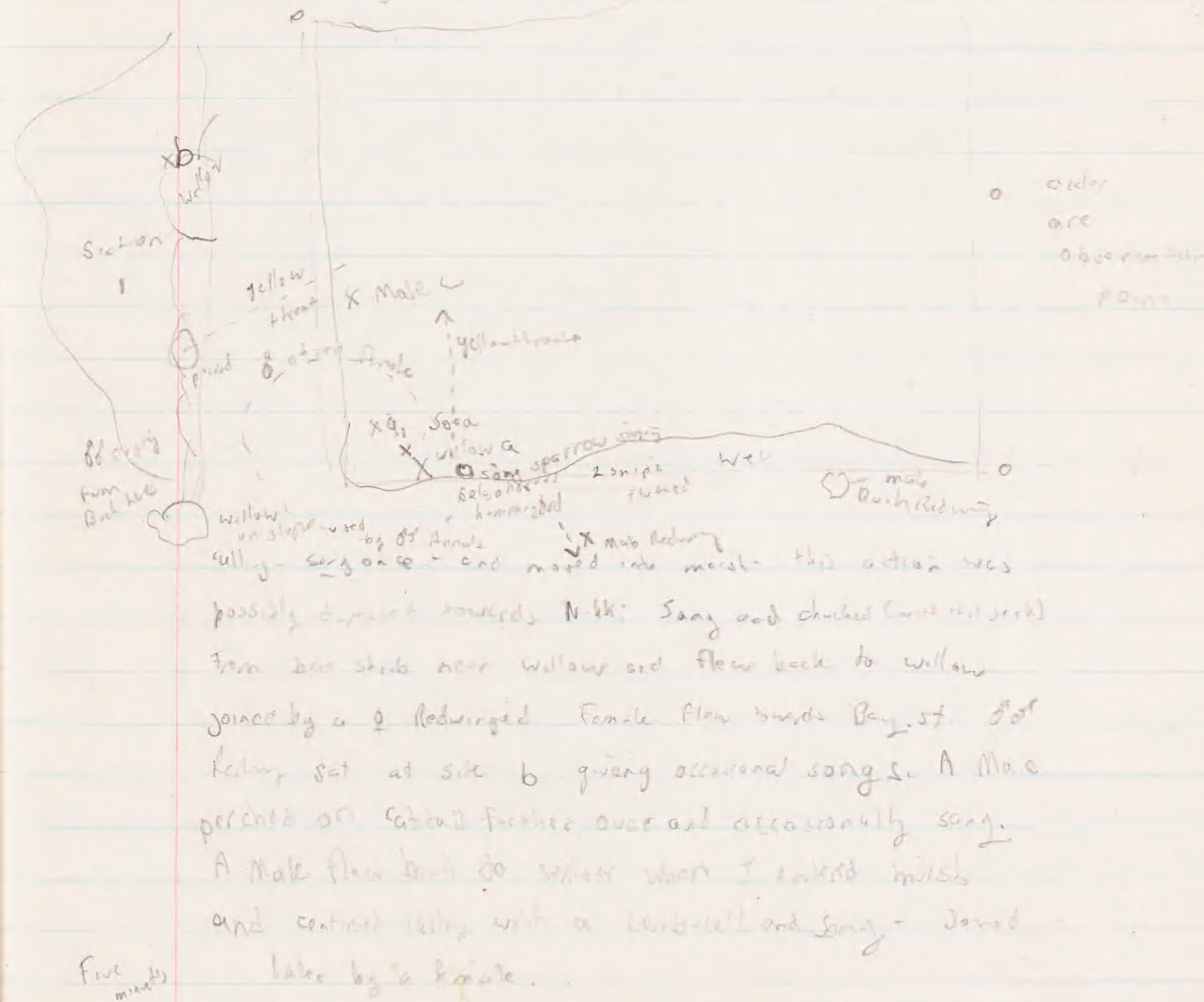
an upward squeak. From the same corner heard a

singing Yellowthroat. The male moved

down in the tree and

increased calling then

decreased



Five minutes

can't see male - still see female in the same willow

observe male Redwings flying out of marsh area

Male A back in willow

2 Male Towhees leaving marsh together

a male Redwing singing from the East side of willow

after a short skirmish with another male

10 minutes 2 more birds over marsh ♂♂ scissortails chased by male Anna's

12 Towhees Blackbirds leaving marsh

Song sparrow singing from willow area

A male Redwing chased female in large circle

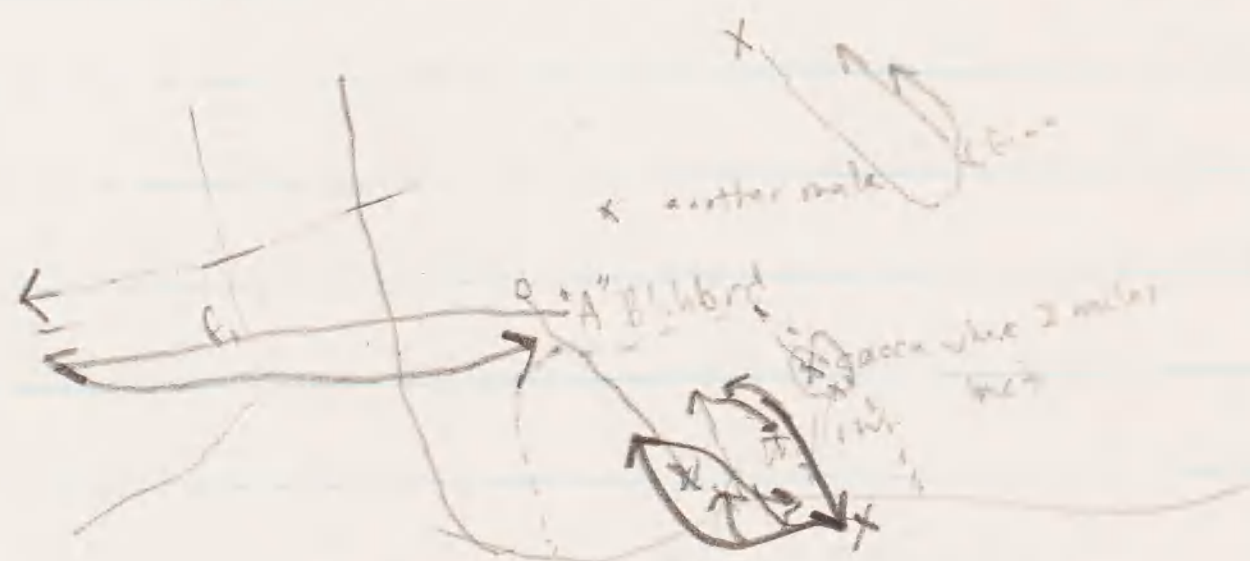
♂ Anna's flew across marsh corner - yellowthroats flew from willow into marsh

13 ♂♂ Towhees left the marsh

♂♂ Redwing flew from just east of willow to bush in grassy area

Joan called again

several confusing skirmishes between several male Blackbirds



20 minutes 2 males (male A and other) pushed opposite each other in marsh and displayed wings and songs. Male A flew between tree and marsh area. Male B retreated. Male A flew to edge of marsh.

Joan called again. 3 males joined in chase of female Blackbird.

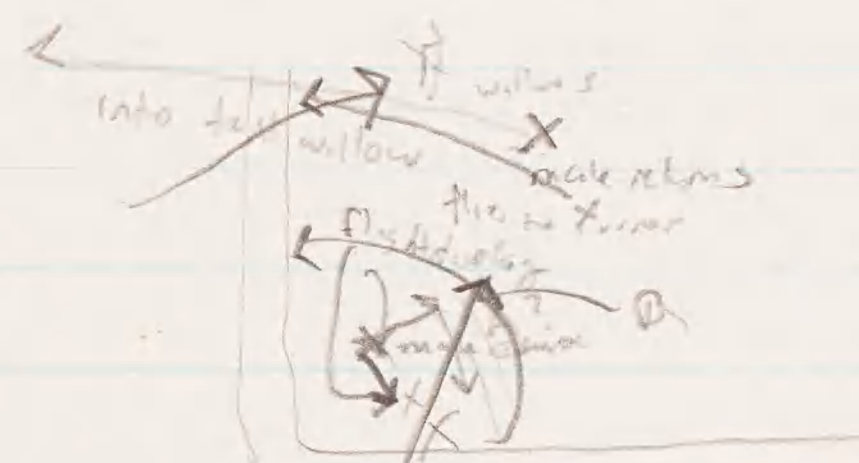
Female Blackbird perched in Anna's flower tree and got continuously dis-bombed.

25 minutes no male in willow area visible

blackbird class walking by creek area

male from corner across path and back again (9)

Towhee out of marsh



2 pairs over marsh

30 minutes 33 male Towhees left marsh with 95% males back.

little vocalization from Blackbirds near me

comb call from marsh in corner (comb-like squeak)

Male A so let tail - flew to another point

chased female out of area

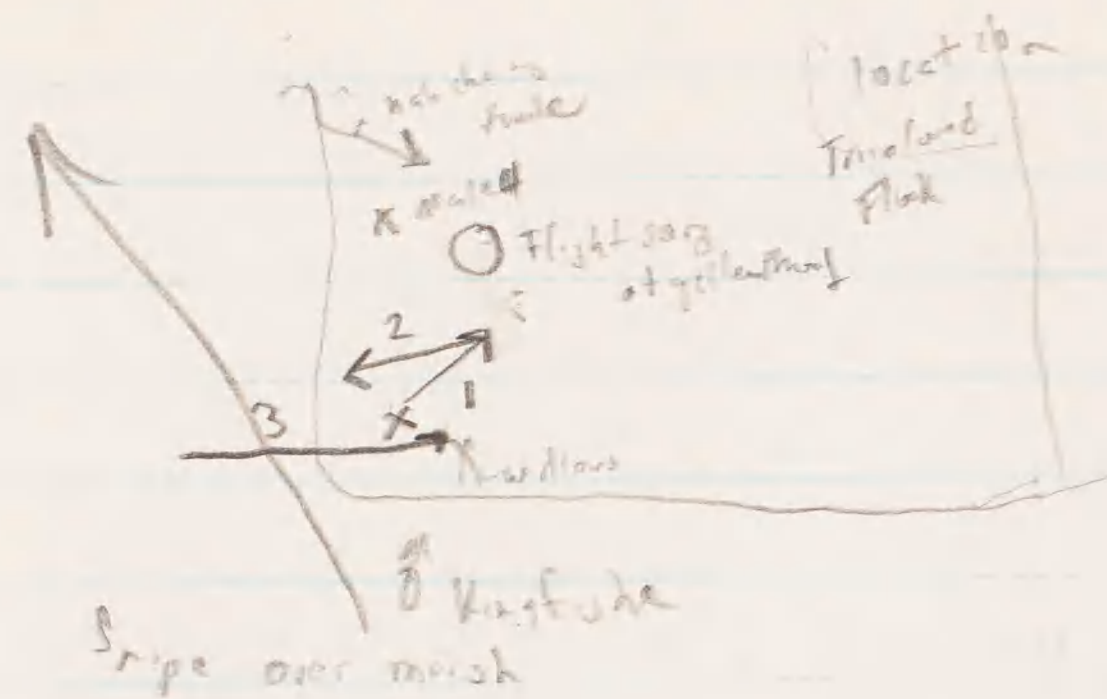
and flew to willow

Flight display across marsh - then back to branch, and North into marsh

chased female out of area - female returned.

35 minutes 10 more Towhees flushed out of marsh.

Male A back on willow, into marsh in corner.



2 comb-call from marsh

35 Tricolored into marsh

40 minutes Male Kingsfisher over marsh and pond (harshing)

Blackbird A not visible

Flow in from across pond onto beach

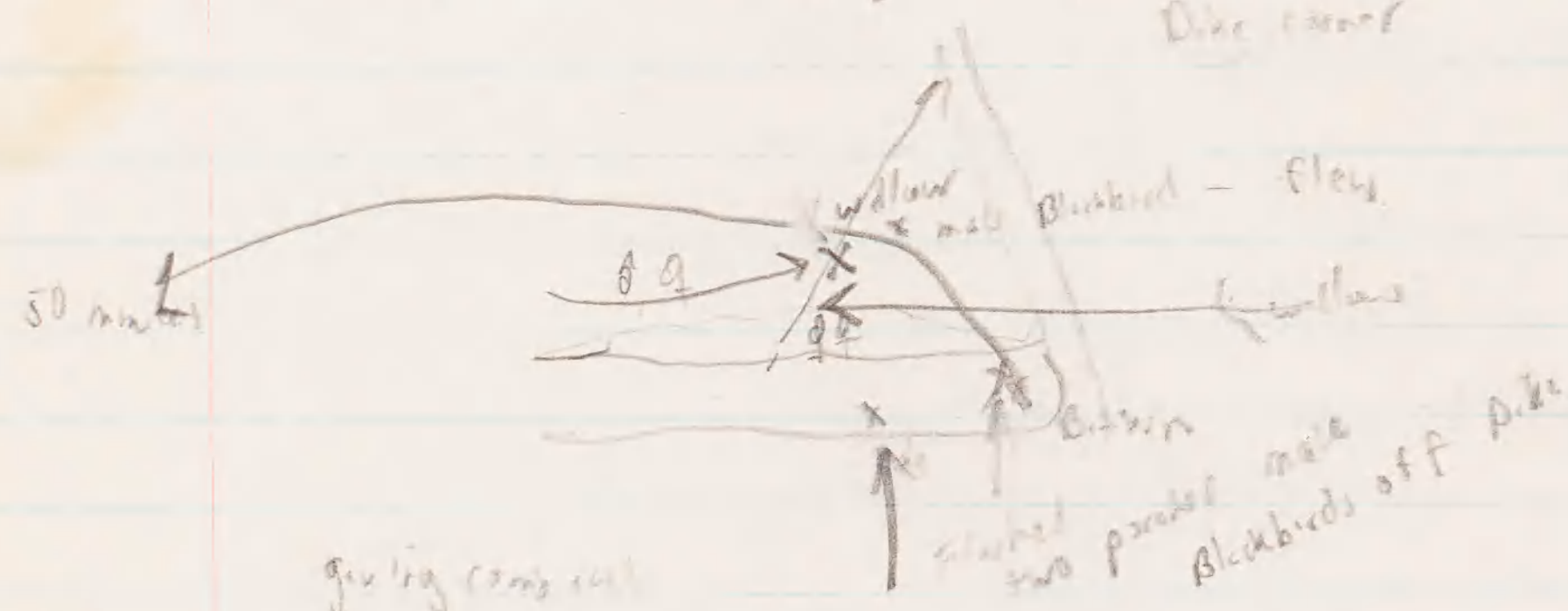
lot of marsh area altogether towards Bay side

Flight song of yellowthroat

4 male forest

45 minutes male Kingsfisher back off marsh

moved to far corner (by small pond) Flashed B. then from
Dike corner



35 minutes 2 females flew from corner

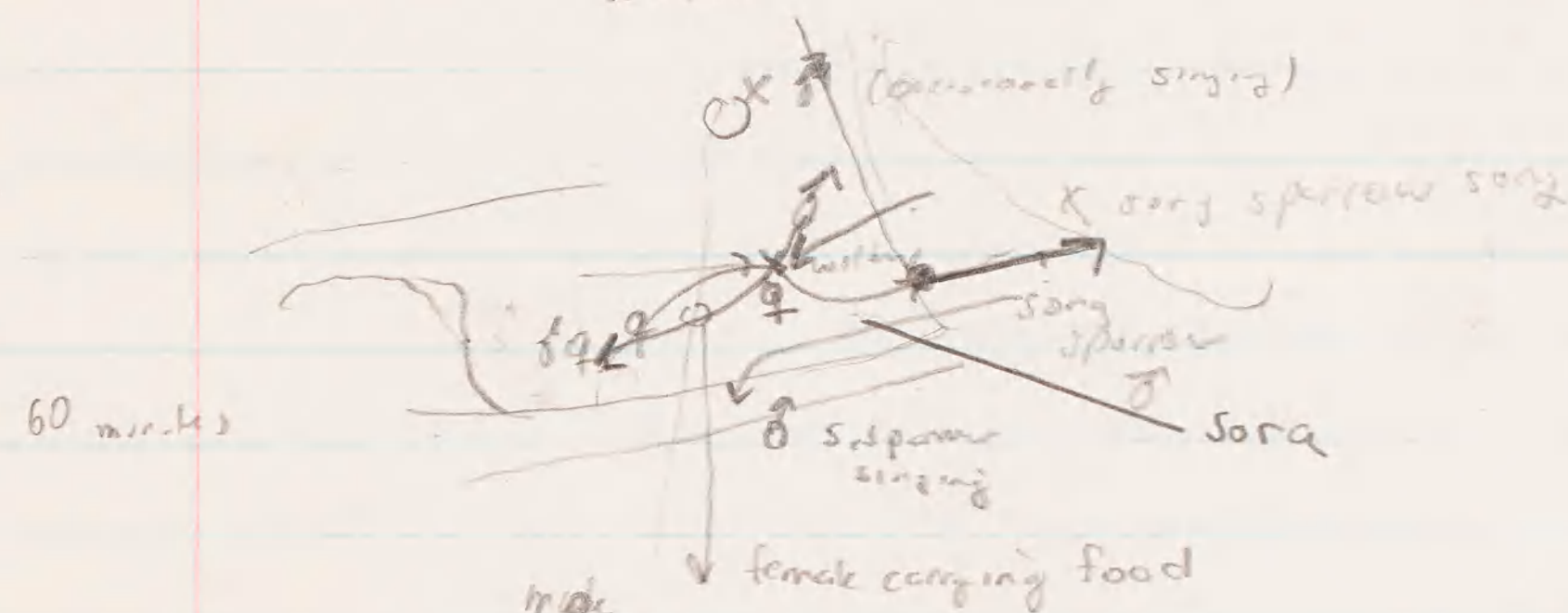
male and female flew into willow

2 Roughwinged swallows over marsh

no male Blackbirds visible

(1) Burn Swallow, (2) Vg Swallow

male Blackbird flew from willows to marsh



Female

male flew to willow

4 Tricolored out of marsh

65 minutes male moved over marsh by some plant

Male Redwinged on willow calling - not singing

left to chase female

♂ and ♀ flew back to willow

♂ gave flight air-song to marsh edge set on tree stump and sang occasionally - also gave comb call - flew to willows across path

26 Tricolored out of marsh

female blackbird with food entering marsh

70 minutes Male still in willow with a female next to him

15 Tricolored out of marsh

male Sora responded call



Some male Redwings have much Redder capulatus than others.

Male Redwing sang his way into willow
another male Redwing to the left.

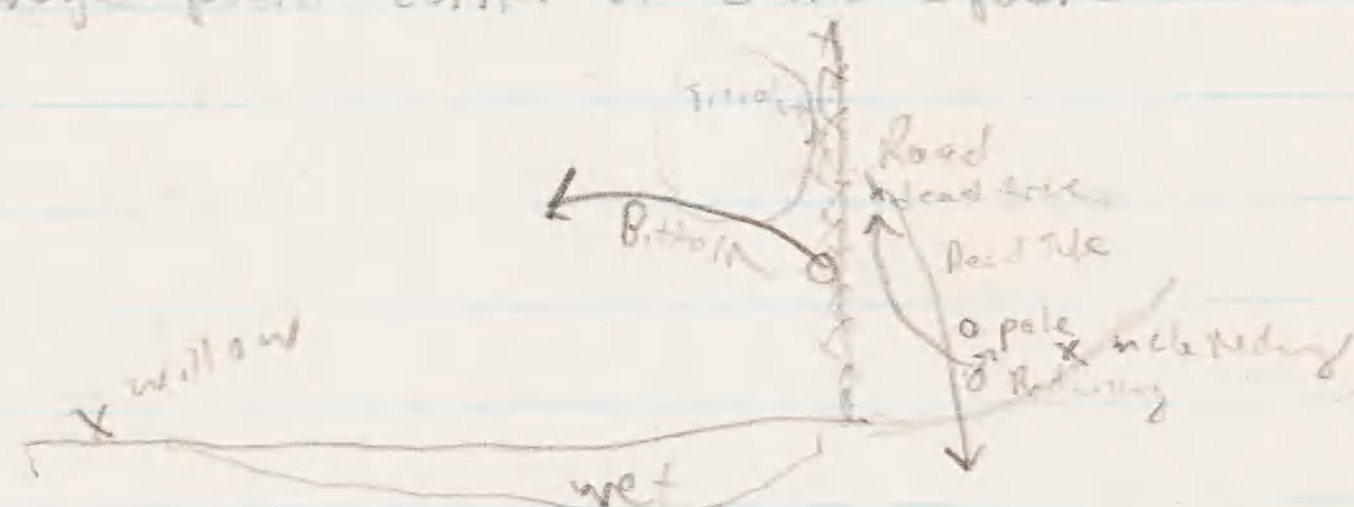
3 ♂♂ Redwings - 2 ♀♀ over marsh
one lands in willow and then splits.

75 minutes no activity take Nikki home and
come back

2 Buteos on Dike - 2 pairs crows on tree

4:00 Windup from the West

sewage plant corner of same square



No activity - bad corner for observing (no observation)

lots of Bluebird activity in far corner

Flushed bird from edge of road

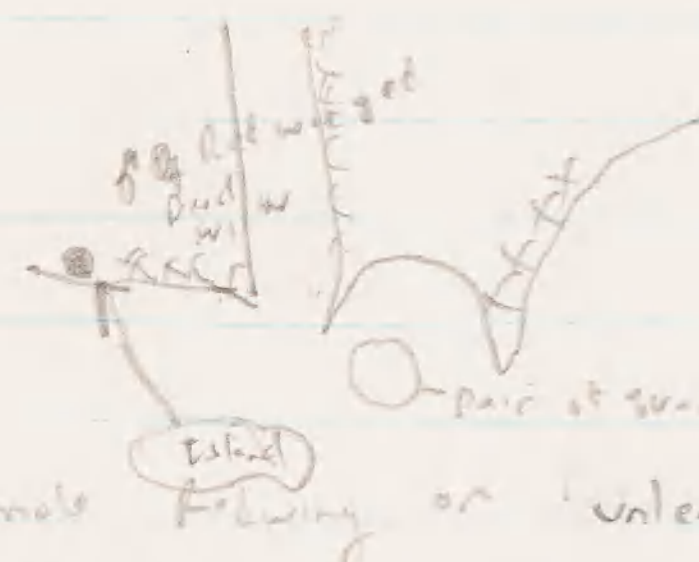
male Redwing on East side of Road flew from
pole to willow twig - gave count call flew out of marsh

5 minutes

10 minutes 3 male Redwings over marsh

4:15

Far corner
Flashed



male + female following on 'unleaked willow'

male calling

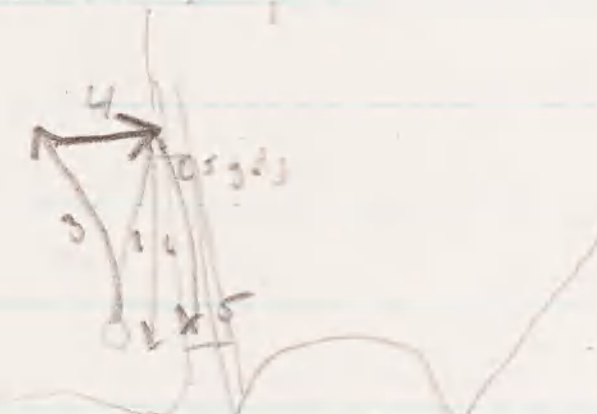
Male Redwing on Island flew to shore and sang
Comb call from Redwing on 'unleaked willow'

4:20

very little aerial display by the Tricoloreds but
saw a female carrying food

Male Redwing still in dead willow

3 ♂♂ + ♀♀ mated on pond



4:25

male Redwing flew 25 yds to Rd. edge and back singing
flew into marsh

Female myrtle warbler in Island

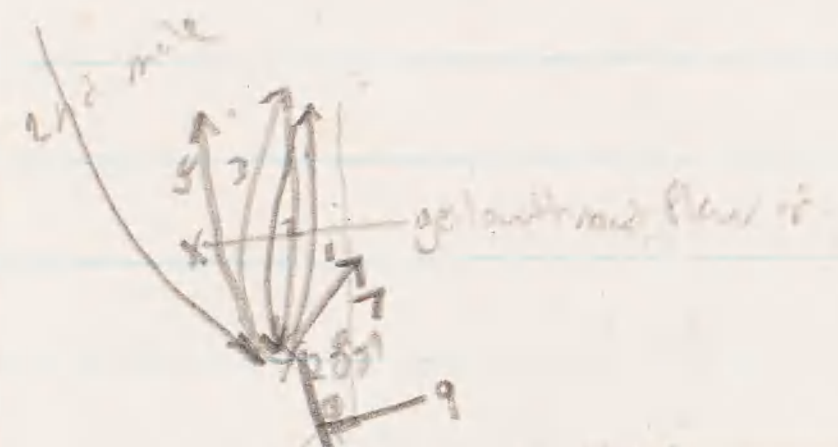
6 House Finches overhead

Female in tree with male Redwing - male giving
Comb call 2nd Male perched 100 yds down Rd giving
comb call

gallinule swam near to island

2 males and 1 female in 'leaked willow' calling

4:30 male still picks songs down path. one male in willow
did some flight song & flew down south and back.



4:35 one male & one female in tree

male still 100 yds down path

female yellowthroat glancing

Both ♂♂ Blackbirds (one in tree and one down road) flew

but the tree bird flew short distance and returned to tree

one flew out again, and back to tree again

a 2nd male flew and cut back next to tree.

4:40 male flew down road and back to tree again.

yellowthroat flew into marsh.

male Redwing on tall pole - flew to edge of marsh.

2 Chaucer's Jack over marsh - 1 snipe - 2 killdeer

4:45 male & female Redwing still in dead willow. Blackbird 200

down road flew into marsh. ♂♂ Blackbird flew

from willow to edge of marsh (in flight song) and back

again. ♂ new male Redwing flew into marsh and flew out into

willows. Male Redwing flew from dead tree to marsh edge

singing then flew into tall live willow and back into

4:50 dead willow singing. Male kingfisher over pond

♂ Redwing back 100 yds down road

Mitochondria here some dancing noisy birds

definitely disturbing birds

♂ Redwing split and returned to tree

♂ flew back on pole

male Redwing flew it 300 yds down road and

along along pole. Flew back to tree.

♂♂ Blackbird flew between tree
to 1st pt

new ♂ Blackbird

yellowthroat ♂ song edge flight.

Blackbird flew in here

♂ yellowthroat

pair of song sparrows

5:00

heard song in Triangular corner

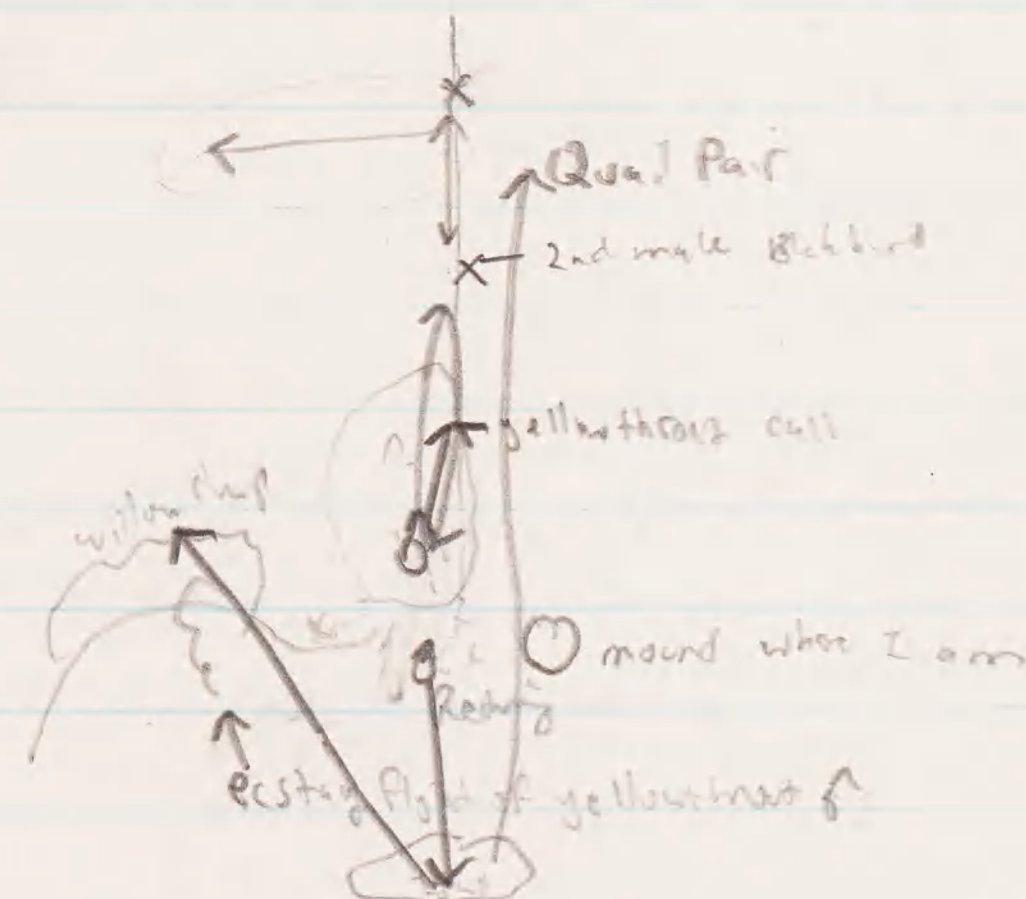
pair of house finches on 5th and

Redwing male in green willow

American Goldfinch

pair of yellowthroats flew from corner to 2nd land

5:05

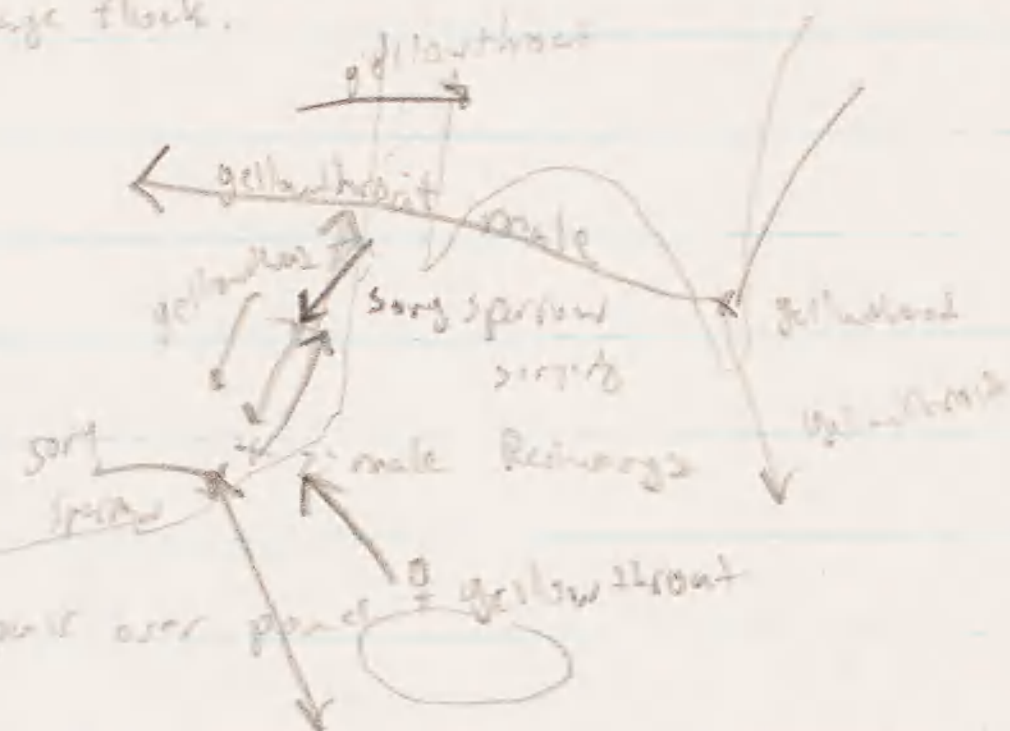


5:10

♂ Quail in Island First male Blackbird back at Red
pair of teal on pond

5:15 30-50 Brewer's Blackbird flying into marsh.

Another large flock.



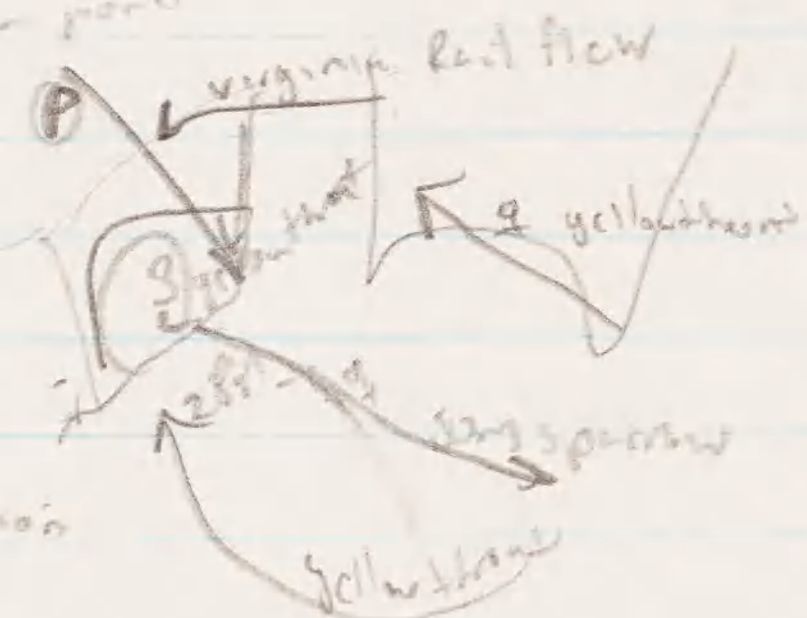
5:20 Kingfisher pair over pond & yellowthroat

Wind has
been
blowing
from
the
west

1 cedar waxwing over marsh
with Kingfisher on pond

5:25

5:30

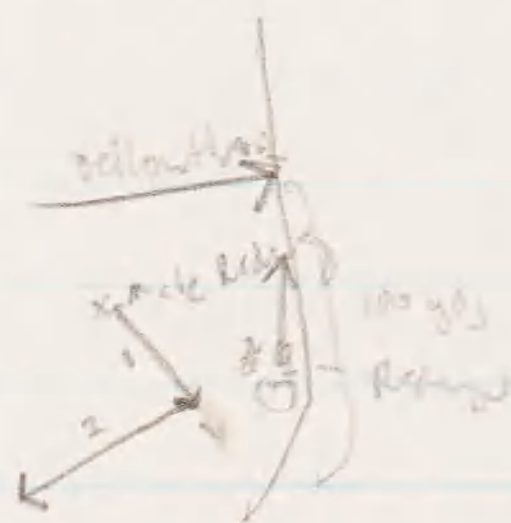


yellowthroat action

5:35

male Redwing blackbird flew from Marsh center
to pond edge at ①

5:40



5:45

Day last

Mullard 6 ♂ and 1 ♀ on pond

Song sparrow

Cinnamon teal 3 pairs

Bufflehead 9

Cal. Quail 2

Sora 3

Virginia Rail 1

Common Gull 1

American Loon 8

Killdeer 2

Snipe 10

Mourning Dove 2

Anna's Hummingbird 1

Allen's Hummingbird 1

① Belted Kingfisher 2

Red-shafted Flicker 1

Violet-green swallow

Rough-winged swallow

Barn Swallow

Bushtit (2)

Wrenit 1 ♂ singing

yellowthroat

Red-winged Blackbird

T. colored Blackbird

Brewer's Blackbird

House Finch

American Goldfinch

Saw Bonaparte's Gulls in gull flock on river.

100 m-23h
and willow 23

March 2nd

10-40

10:05
10:05

10:52
2 p-pc embryos

Handwritten: 12/11/21

Wm

9
R. W. J.

100

20/02

~~10~~

7

2

3

10-3

5-1110

female

overhead

Make Spl. &

10:27

10

New products overhead

Kilder over

mesh

1.15

Lenda Alouinato

Male B jett.

$$S_{\text{out}}(n) = (y)$$

Has a willow grove - male in position 6 s.g.g.

1.20 male appeared near in - near to water & ...

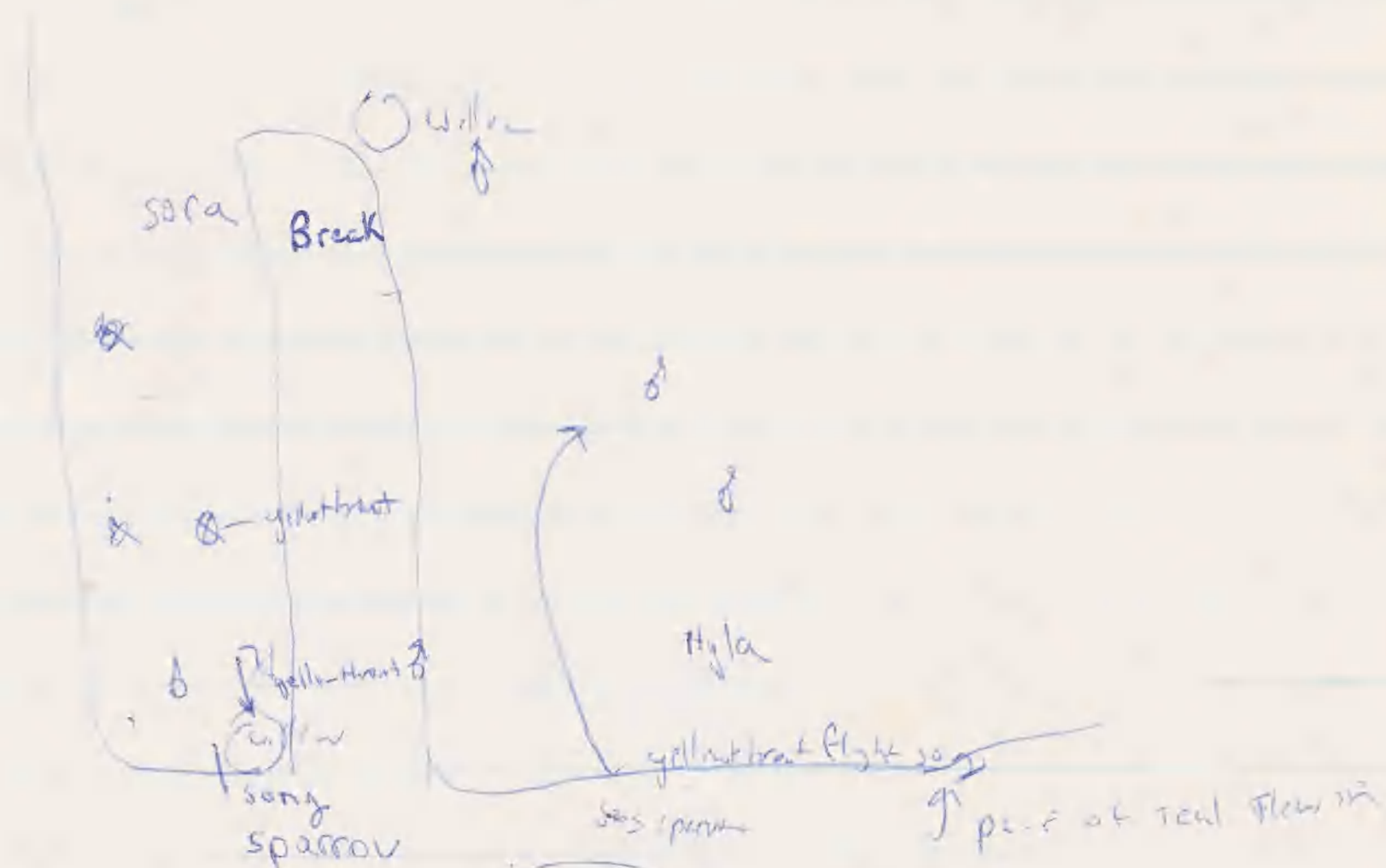
I wanted to know what was the reason for it.

1944 Jan 26

DATE: 11/11/2019

130 encountered Blackbird nest local 15

5:05



5:20 adult Gallinule on small pond - singing at open for many minutes

5:40 heard pheasant
left
♂ brightfisher into marsh
♂ Red Squirrel

Day List

Bittern (1)

Widgeon (2)

Godwall (1)

Common Teal (4)

Mallards (6)

Bufflehead (1)

Acipiter spec. 1

Colo Quail

Ships

Killdeer

R.B. Owl (1)

Mourning Dove

Anna's Humbird (2 ♂)

Downy Woodpecker (1 ♂)

Bush Tit (2)

C.B. Chickadee 1 possible nest site

wrenit (2 ♂, ♀)

yellowthroat (7 ♂)

Audubon's warbler 3

Myrtle warbler 1

Tricolored Blackbird

Redwing Blackbird

cowbird (?) heard

House Finch

Purple Finch (2)

Song Sparrow

Lincoln's sparrow

[Wilson's warbler at At Admin. Bldg, used]

April 7 sunny & warm
12:30 5:30 pm
mapping

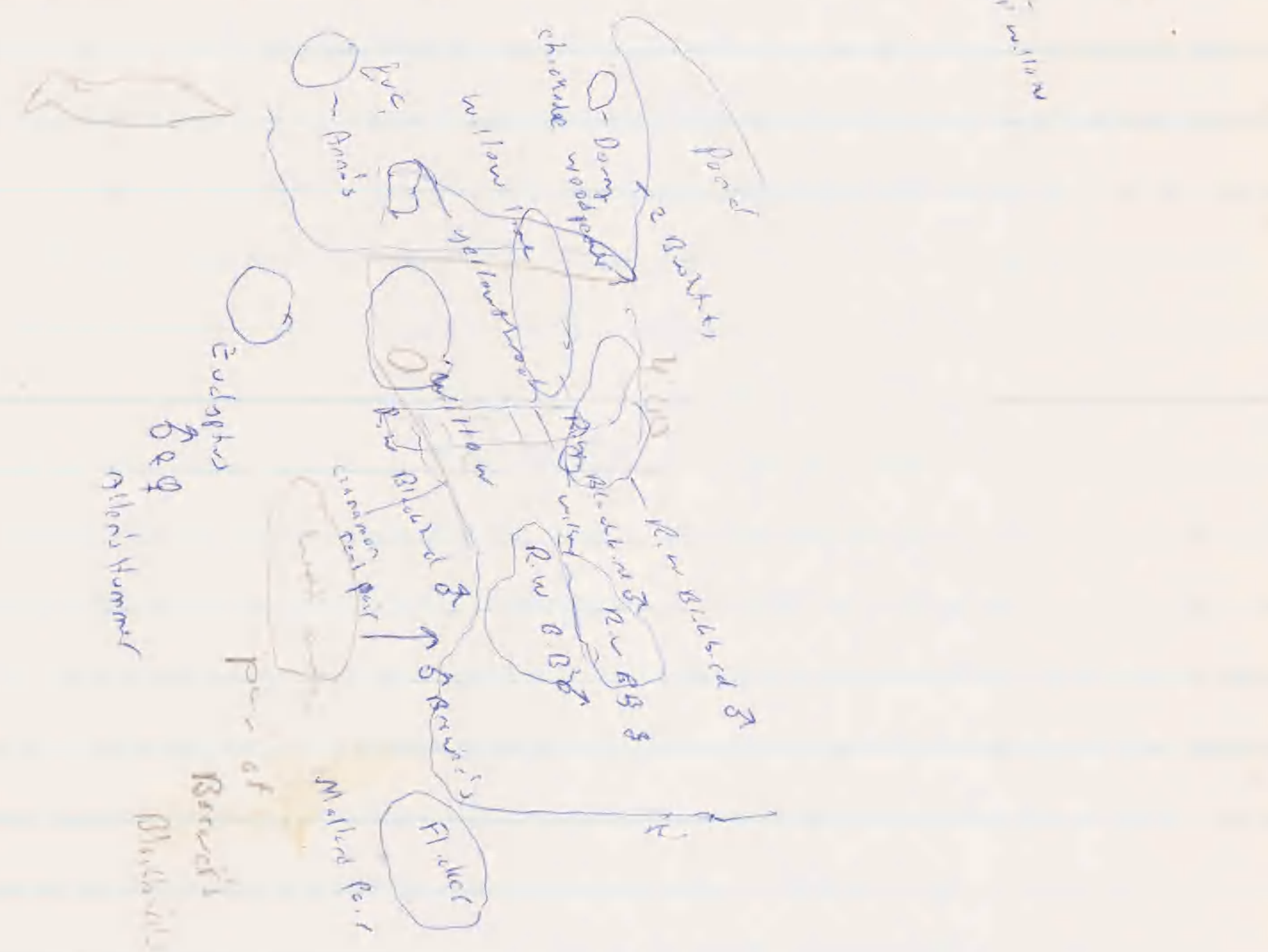
2:00 ♂ brightfisher

over marsh

convolvulus occidentalis

4:00

on small pond saw A Red-wing
over pond and at a hole in



s spend 25 hours mapping and came up with
a pretty good map - Redged one inch area is about 25
acres.

Day list:

| | | |
|------------------------|--|---------------------|
| American Bittern | Anna's Hummingbird | Mockingbird |
| Gadwall (q) 1 p | Allen's Hummingbird (2) | A. Warbler (2) |
| Pintail ♂ s.p. | Flicker (1) | Myrtle Warbler (1) |
| Cinnamon Teal ♂ (q) | Downy woodpecker Western Flycatcher (possibly not in area) | Yellowthroat |
| Mallard 7 | V.B. Swallow (2) | Cowbird (q) |
| Dusky Canada ♀ 1 p | Cliff Swallow (1) | T-colored Blackbird |
| Red-tailed Hawk (Aard) | Barn Swallow (2) | R-W Blackbird |
| Snake | Rock chickadee | Brewer's Blackbird |
| Killdeer | Buhtit (3) | House Finch |
| Mourning Dove | Wren | Brown Towhee (2) |
| | | W.C. sparrow (2) |
| | | Song sparrow |

April 8 Took acid and went to Cowell park with Rick (Graham Hill Road Entrance) left Rick at Jet to water tower and walked to River via Bridal (?) trail. Heard lots of Western Flycatchers, D.T. Gray Warbler, 2 singing warblers, Allen's Hummer — Downy woodpeckers (heard doing whiny). Sighted two R.S. Towhees ♂ & ♀ they skulked through oak scrub staying close to ground then went up into Madrone and skulked back around forming a circle. I've decided what I like most about spring birds is their exuberant domesticity. Juggles housekeeping!

lots of ~~Star-Sing~~ Singglass and Blue forget-me-not (more of latter), a little Penstemon, a 2 eggplants growing in Redwoods!

Winter Wren singing in Redwoods!

10:00

Walked down to River and sat down in small plot of sand — (It will do for a Beach) and 2 Song sparrows anxiously surrounded me with their territorial zeal. I heard a Wilson's warbler and Winter Wren and the rapids and two Mallards flew by — I guess I'm fairly far along the way to tripping.

saw ♂ Kingfisher over river — This coupled with Neery's Lagoon ♂ — Do females sit on nest always?

Walked up hill and down stream then down into a huge horse-tail jungle — saw several Wilson's warblers. Male really does have light back — along stream walked by where there are houses on fir bank — on cement pile saw several Merriam's chipmunks, ♀ Kingfisher flew by, Allen's Hummer was displaying vigorously, W.W. was singing, chipmunk was calling vigorously.

Walked downstream to ~~some~~

2 N. Biller's Lizards (one brightly colored) grabbing second behind neck.

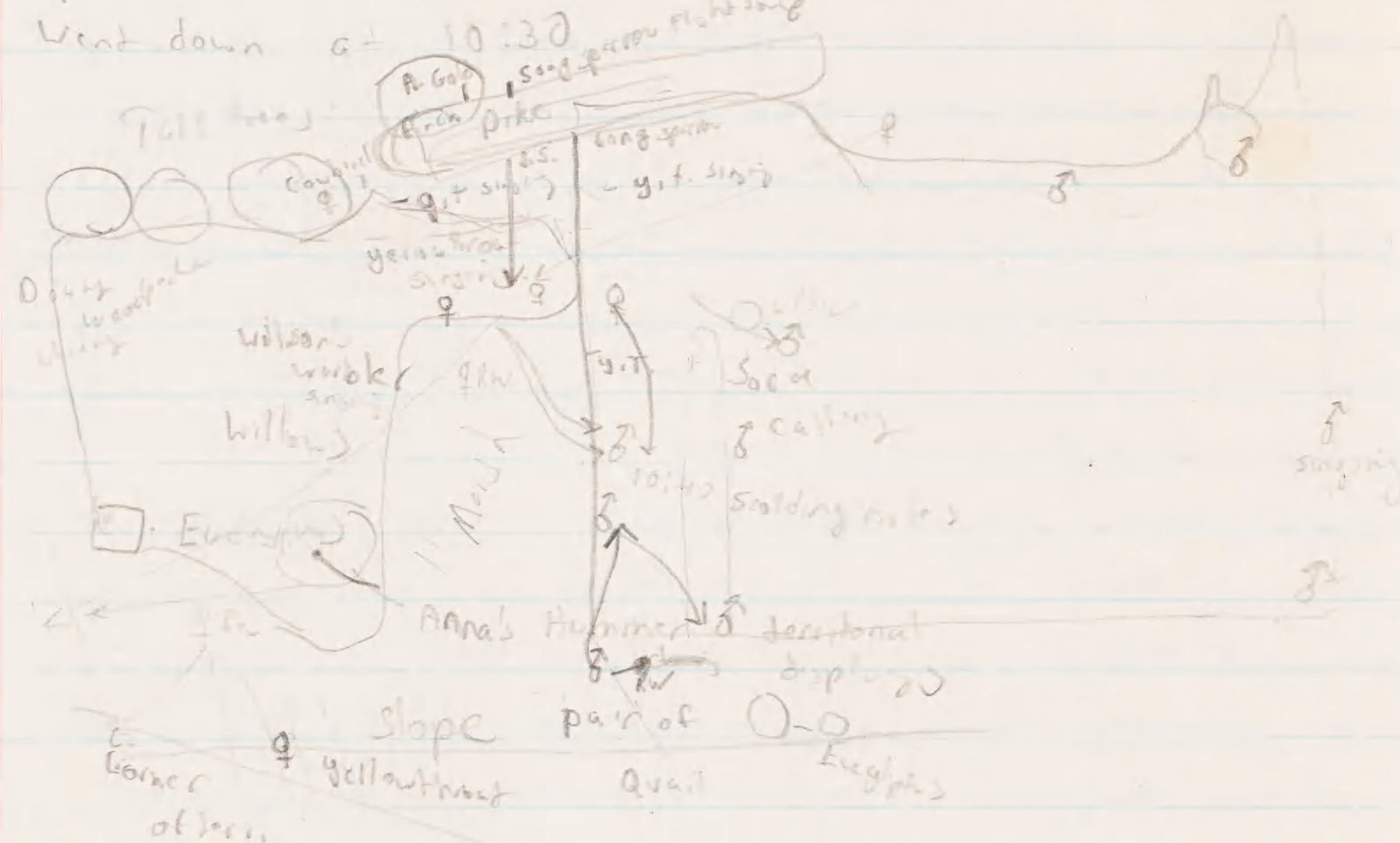
Santa Cruz Garter Snake

2 miles upstream from Cemetery — Thayer's gull

Red-breasted Merganser

April 10 clear A.M. to hazy-sunny (warm)

Went down at 10:30



Redwings very inconspicuous

pair at mallard

10:40 slight activity in T. colored flock

2 Barn Swallows Wilson's Warbler singing

10:45 6. Blue a. Pig Bird

10:50 2 Quails and male Rev. at Road corner

Redwing comb call and check-note on
aircraft flew into marsh.

tightly associated with y
then solitary

D. ST. went to corner by small pond

2 ♂ 3-species on opposite side of Rd. or

Dike was at night song

cliffs no birds 2 y.f. singing on same time on each
14 species

side of road.

9 Sib. Thrushes overhead

4 ♀ A. Goldfinches

5. 4. 1. 2.

11:00

Audubon's warbler in the trees



11:05 ♀ Redwing flew to small willow in marsh with nesting material.

11:10 ♀ yellowthroat chased by ♀ Blackbird

♀ R.W. in willow with nesting material still sitting

Song Sparrow built on pond across road or dike

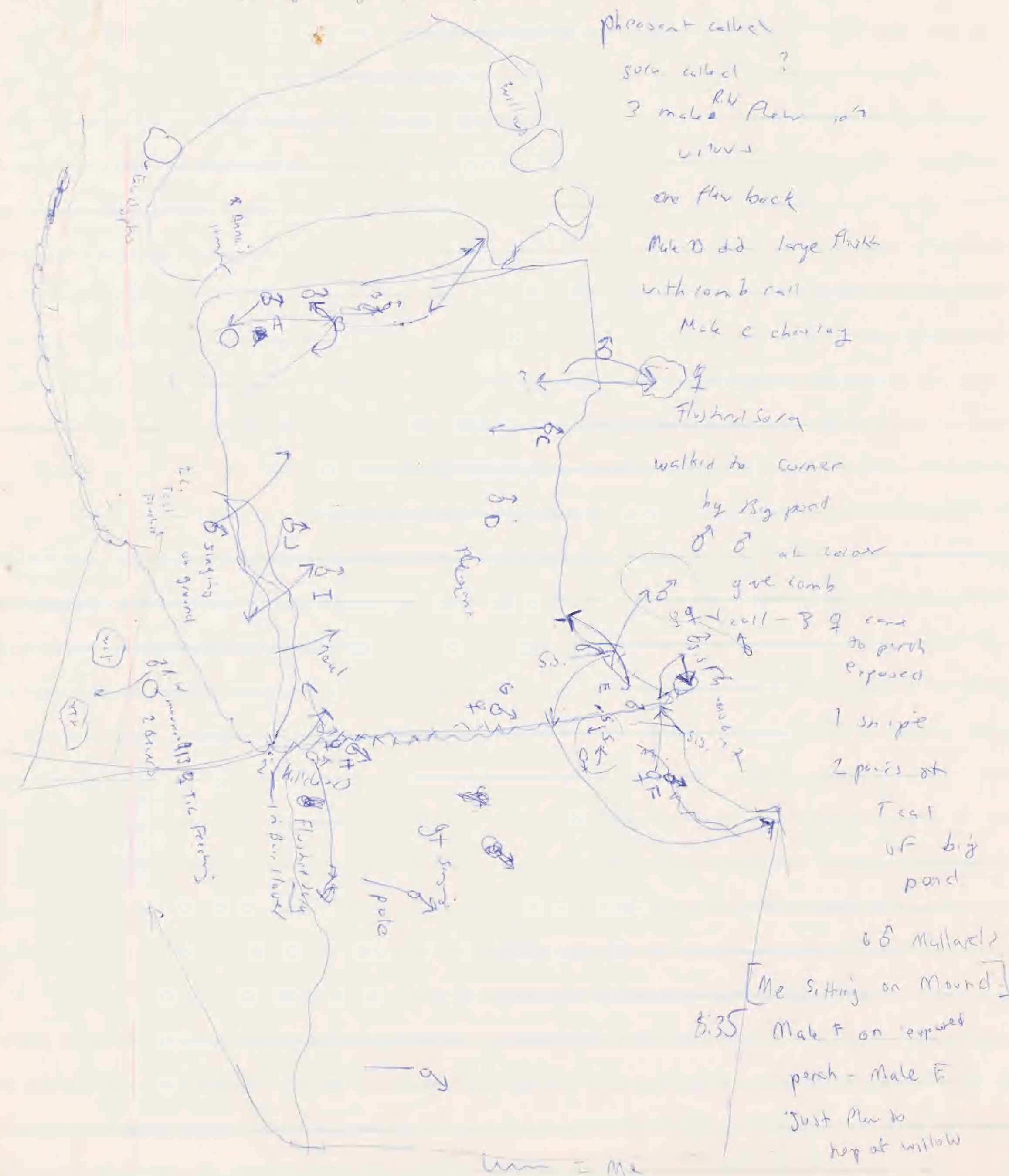
on small pond pair of Redwings, 2 Bullfinches, pair of

Mallards with 6 Redwings young

Song Sparrow Duckling again

11:15 Cooper's Hawk

April 8:15 Sunny - slight easterly breeze



phoenix collect

sora collect ?

3 males RW
wings

one flew back

Male B did large fluff

with comb rail

Male C chasing

Flashed song

walked to corner

by Big pond

at corner

gave comb

coll - 3 ♀ came
to perch
exposed

1 shrike

2 perches at

Test
of big
pond

6♂ Mullards

[Me sitting on mound]

8:35 Male F on exposed

perch - Male E

just flew to
top of willow

Line = Me

♀ out in F's territory - Joca called - ♂ involved making
broad circular flight. Male D & E out in weed patch -

♀ Gadwall flew into big pond. v.b. swallow overhead.

Male chasing ♂ around weedy area - flew swallow

Joca sparrow sing from Island

8:45 Male E unoccupied - Male F unoccupied

no yellowthroats.

3 Doves over marsh

Female in weed patch opposite corner and

possibly with nesting material - Male F

singing from exposed perch. Male E? on

willow (possibly same bird as was just called F)

2 Quail flew down road ♂ E Rising flew down along

road - bird in R term still not visible.

Female flew off potential nest to willow in

marsh corner - Joca sparrow sing from same willow.

Male flew over to East side of L. Pond on

willow. ♀ Blackbird chased S.S. ♂ Book on

willow in East corner FFO

2 S.S. simultaneous

2♂ Blackbirds exposed in

each corner and when one flew

over the second rose to perch

and both.

Gang

E Blackbird down - R. D.O. circle flight over both
with "holding" to ♀ and E ♂ Rose.

House sparrow
Tricolored Blackbird
Redwing Blackbird
Barn's Blackbird

A. Goldfinch
Purple Finch
H. Finch
B. Towhee

G.C. sparrow
V.C. sparrow
Song sparrow

April 11:

Great Blue Heron 1
Green Heron 1 (Adult)
Gadwall 1
Pintail 3
Mallard 2 Broods one 6 one 15

8♂ 3♀
Bottlehead ♀

Cinnamon Teal (6)

Blue-winged teal 1 ♂

Gallinule seen in both ponds
coots 15

Sora

2 S.B. Ditchers

3. Common Snipe

W. Gull

Casparn Tern (overhead)

Mourning Dove

Anna's Hummingbird 6♂
Allen's Hummingbird 3

Do. Woodpecker

C.B. chickadee (2)

Bushy (4)

Pinyon nuthatch 1

Robin (1)

Mockingbird

Sterling (1)

Orange-crowned warbler 2

A. Warbler 3

M. Warbler 1

B.T. Gray Warbler 1

Yellowthroat

House sparrow

T.C. Blackbird

R.W. Blackbird

Barn's Blackbird

A. Goldfinch
Purple Finch
H. Finch
Brown Towhee
W.C. sparrow
Fox sparrow
Song sparrow

April 12. 5:00 sun turned to 6:00-7:00 drizzle and overcast cold N wind

① 7:00-

② A. warbler singing, lots of small birds - wind down

song sparrow on apple tree sides probably same bird 7:15

③ 4. S.S. ♂ with a small white wing 7:30

④ W.C. sparrow, ♂ Anna's, chasing ♀ 7:40

⑤ Birds feed along track on ground and dead vegetation - 2 Towhees - ^{one} ~~one~~ doing wing rubbing (body rubbing)
S.S. chickadee
7:55

⑥ (Everything quiet 8:00
overcast and windy)

8:15 sun out a little birds more active. ♀ song sparrow on perch occupied on the 10th rail near where I sit.

8:30 Found chickadee nest in Dead stump 3 ft off ground in old hole about 3 down into tree - no eggs

⑦ 8:40 ♂ in dead brush near big fence loosely by one ♀ - another one approached and ♀ checked it off - and ♀ came back and dove at
91

⑧ ♂ Redwing displaced ♂ Anna's

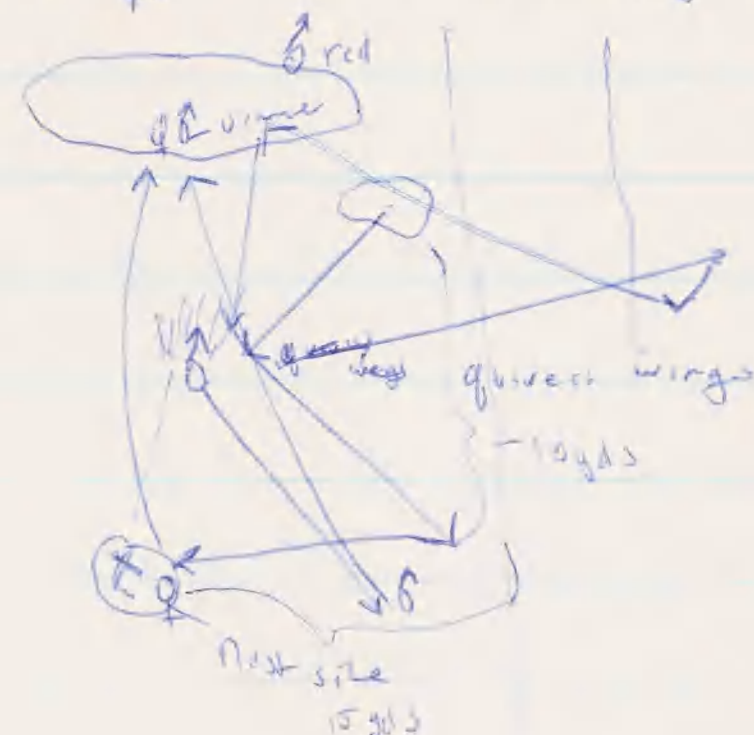
8:50 Common male has dull red patch - red when displaced

Other male has bright orange patch even when sitting - looks better when it

not approach me & is singing and displaying vigorously with higher vocalizations even when sitting

In flight song corner ♂ has small red, sp. male has large orange

elaborate ♀ behavior before bringing nesting material to nest site



~~Don't know if male birds or clump across from thicket~~

⑨ - 9:10 - SS singing, A bold, overhead

Red ♂ and ♀ on my side of bush - ♀ flies to marsh

another ♀ with nesting material comes into bush - see female

joins it and splits - 2nd ♀ flies to small bush where male

joins it - ♀ flies into marsh - back into bush -

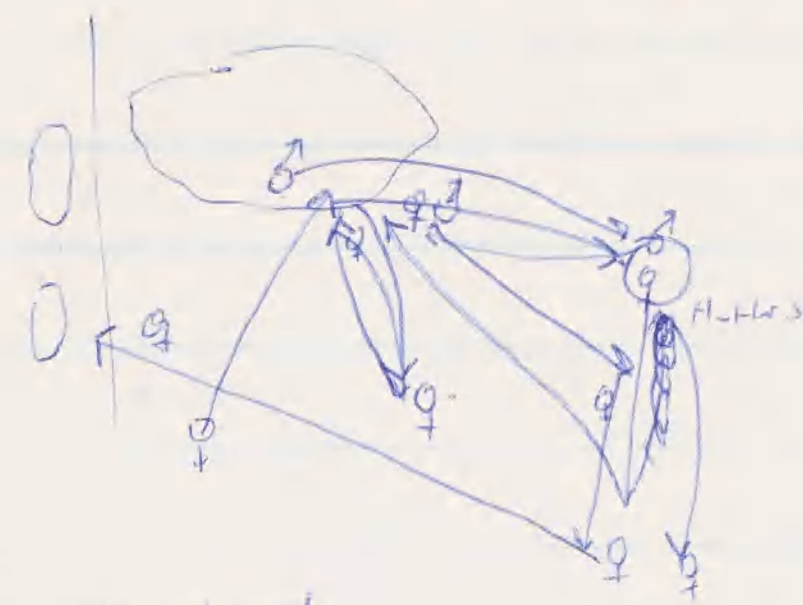
male joins it - ♀ flutters wings. They are near small

bush and into bush - 2nd ♀, ♂ flies nearby - ♀ flies into

marsh - other female joins her - female flies across road

near me - into marsh - into big bush

Then I last her



overhead overhead

9:25

9:40 on Marsh 2 Black ♂ Blackbirds swooping along imaginary line

Singing out but NW is up

2 SS ♂ singing

Song

9:50 (10) nesting material trip - 1 ♂ carrying ♂ and 2nd ♀ protecting

9:55 12 - 2 Bright Red Males = Male A + 1 and imm male & song on

11th. Male A chased ♂ and imm male joined in

April 15

Mass Landing - Bird class 7am - 11:00am

overcast mostly high tide (incoming to outgoing)

Common Loon

Red-throated Loon (Greatly common offshore)

~~W. Grebe~~ Eared Grebe 1

Horned Grebe 10

Bald's cormorant (big raft)

S. Egret

Cinnamon Teal - 8

Pintail - 2

Ruddy Duck

W. W. Scaup

Surf Scoter

R. b. Merganser

cliff swallows - overhead

2:00 male singing

A being dumb call a lot - phony tail.

B chasing female on A's territory - then B protect in A's territory. Horizontal battle between the same birds.

Q give direct flight into A's territory and then come out of marsh - B sitting and come called.

Red ♂ E chased orange ♂ of T. C. territory and another.

Q also chase it into marsh.

E male fly by. Q male and its associated Q was chased.

2:15 2 pairs singing

Male A has 2 Q's. Orange - male ♂ with song - he is vis. blt.

Singing over marsh.

Q in Orange small Red territory (see down (like into nest) near yellow iris.

Lupinus bicolor

Trip to Mendocino April 21-22 with Greenberg boys John Fiedor & Patty.

Sunny Day drive to Mendocino in a.m. around Petaluma - Santa Rosa saw lots of Orthocarpus erianthus and Limnanthes douglassii (keyed). On Rt 128 - Scutellaria leucophaea, Nemophila menziesii, Proserpinaca pulchella, lots of Sisyrinchium bellum. Serpentine configurations had Boerhaavia fieldii, Lupinus bicolor, minulus sp., Mimulus Sidalcea malvaeflora,

Camped along Albion. Fished and caught 1 male upstream.

Several Ospreys - Kingfishers, lots of Ravens, 2 Red-tailed Hawks, 6 G. Yellowlegs (Spring plumage) 1 Spotted Sandpiper. Acorn, Hairy woodpecker R.S. Flicker. Heard low irregular drilling and saw big piloted holes in dead Doug Fir on ridge. I caught one red perch, one silver, and one "rubber-lip" (real big!).

Area was second growth Redwood - Doug Fir with stands of Tanbark Oak. going into a chaparral on the ridge with lots of salal. ^(in bloom) ~~salal~~.

Dinnering: spotted coral root ~~Monarda~~ (local Orthocarpus maculata, a large flowered Monarda; ~~a~~ ^{very} a flower (very common) with umbels of ^{small} white flowers with white petals (5) and sepals - 1 stamen and 5-clit style. Opposite leaves - dark-lanceolate in a gooseberry - (common) - a yellow violet - an Iris, Sisyrinchium bellum, Clatonia Andreversii, (core) red Bee forget-me-not also in area - Five-Fingered Fern, Broken, sword, Acer, California shield.

April 23 - Back in D.S.C. sunny - ~~very~~ warm

Diplazium in heavy bloom - Ceanothus thurstonii - ~~the~~ two spotted violet. Collinsia stricta near Libby on rd. To Nat. Sci. College & Meadow had more Orthocarpus erianthus var. roseus. a few Orthocarpus dens-florus, John jump up feeding. Patches of sky lupine still come up in Great Meadow. Across empire grade saw Sidalcea malvaeflora, a little Orthocarpus dens-florus and erianthus var. lots of Sisyrinchium bellum, and Cal. Poppy, some Lupinus bicolor,

in vernal pool areas (with veg.) saw lots of *Yucca*
californica and *Calochortus uniflorus* and *Lotus formosus* and
 still some *Zygadenus*.

Over Santa Cruz several large flocks of Bonaparte's gulls.



C. F. O.
FIELD LIST
OF
THE BIRDS OF
CALIFORNIA

Compiled by Guy McCaskie
for California Field Ornithologists
January 1, 1972

NAME: _____

ADDRESS: _____

501-2072

5110



C. F. O.
FIELD LIST
OF
THE BIRDS OF
CALIFORNIA

Compiled by Guy McCaskie
for California Field Ornithologists
January 1, 1972

NAME: _____

ADDRESS: _____

| | | | |
|-----------|-------------|-----------------------------|---------|
| 1. | Locality | Trip to Desert | Apr |
| | Observer(s) | M. M., D. G. & me | |
| | Date | Time | to Wind |
| | Weather | Totals: Species Individuals | |
| Remarks | | | |
| see notes | | | |
| 2. | Locality | Neon's Lagoon Survey | |
| | Observer(s) | | |
| | Date | Time | to Wind |
| | Weather | Totals: Species Individuals | |
| Remarks | | | |
| 3. | Locality | | |
| | Observer(s) | | |
| | Date | Time | to Wind |
| | Weather | Totals: Species Individuals | |
| Remarks | | | |
| 4. | Locality | | |
| | Observer(s) | | |
| | Date | Time | to Wind |
| | Weather | Totals: Species Individuals | |
| Remarks | | | |
| 5. | Locality | | |
| | Observer(s) | | |
| | Date | Time | to Wind |
| | Weather | Totals: Species Individuals | |
| Remarks | | | |

LOONS

- Common Loon
Yellow-billed Loon *

GREBES

- Red-necked Grebe
Horned Grebe
Eared Grebe
Least Grebe *
Western Grebe
Pied-billed Grebe

ALBATROSSES

- Wandering Albatross *
- Short-tailed Albatross *
- Black-footed Albatross
- Laysan Albatross

FULMARS & SHEARWATERS

- Cape Petrel *
- Fulmar
- Pink-footed Shearwater
- Pale-footed Shearwater
- New Zealand Shearwater
- Sooty Shearwater
- Slender-billed Shearwater
- Manx Shearwater

STORM PETRELS

- Fork-tailed Petrel
Leach's Petrel
 White-rumped forms
 Dark-rumped forms
Ashy Petrel
Galapagos Petrel *
Black Petrel
Least Petrel
Wilson's Petrel *

TROPICBIRDS

- Red-billed Tropicbird *
White-tailed Tropicbird *

PELICANS

- White Pelican
Brown Pelican

BOOBIES

- Blue-footed Booby *
- Brown Booby *

[illegible]

CORMORANTS

- Double-crested Cormorant
- Olivaceous Cormorant *
- Brandt's Cormorant
- Pelagic Cormorant

FRIGATEBIRDS

- Magnificent Frigatebird *

HERONS & BITTERNS

- Great Blue Heron
- Green Heron
- Little Blue Heron *
- Cattle Egret
- Reddish Egret *
- Common Egret
- Snowy Egret
- Louisiana Heron
- Black-crowned Night Heron
- Yellow-crowned Night Heron *
- Least Bittern
- American Bittern

STORKS

- Wood Stork

IBISES & SPOONBILLS

- White-faced Ibis
- White Ibis *
- Roseate Spoonbill *

SWANS, GEESE & DUCKS

- Whistling Swan
- Trumpeter Swan *
- Canada Goose
 - Western Canada Goose
 - Lesser Canada Goose
 - White-cheeked Canada Goose
 - Cackling Goose
- Brant
 - American Brant *
 - Black Brant
- Emperor Goose *
- White-fronted Goose
 - White-fronted Goose
 - Tule Goose
- Snow Goose
 - Lesser Snow Goose
 - Blue Goose
- Ross' Goose

Black-bellied Tree Duck *

- Fulvous Tree Duck
- Mallard
- Black Duck *
- Gadwall
- Pintail

Green-winged Teal

Common Teal *

Green-winged Teal

- Blue-winged Teal
- Cinnamon Teal
- European Widgeon
- American Widgeon
- Shoveler
- Wood Duck
- Redhead
- Ring-necked Duck
- Canvasback
- Greater Scaup
- Lesser Scaup
- Tufted Duck *

- Common Goldeneye
- Barrow's Goldeneye
- Bufflehead
- Oldsquaw

- Harlequin Duck
- King Eider *
- White-winged Scoter
- Surf Scoter

- Common Scoter
- Ruddy Duck
- Hooded Merganser
- Common Merganser
- Red-breasted Merganser

AMERICAN VULTURES

- Turkey Vulture
- California Condor

KITES, HAWKS & HARRIERS

- White-tailed Kite
- Mississippi Kite *
- Goshawk
- Sharp-shinned Hawk
- Cooper's Hawk
- Red-tailed Hawk
 - Western Red-tailed Hawk
 - Harlan's Hawk

| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|-------------------------------|---|---|---|---|---|---|---|---|---|----|
| Red-shouldered Hawk | | | | | | | | | | |
| Broad-winged Hawk * | | | | | | | | | | |
| Swainson's Hawk | | | | | | | | | | |
| Zone-tailed Hawk * | | | | | | | | | | |
| Rough-legged Hawk | | | | | | | | | | |
| Ferruginous Hawk | | | | | | | | | | |
| Harris' Hawk * | | | | | | | | | | |
| Golden Eagle | | | | | | | | | | |
| Bald Eagle | | | | | | | | | | |
| Marsh Hawk | | | | | | | | | | |
| OSPREY | | | | | | | | | | |
| Osprey | | | | | | | | | | |
| FALCONS | | | | | | | | | | |
| Gyr Falcon * | | | | | | | | | | |
| Prairie Falcon | | | | | | | | | | |
| Peregrine Falcon | | | | | | | | | | |
| <i>Peregrine Falcon</i> | | | | | | | | | | |
| <i>Peale Falcon</i> | | | | | | | | | | |
| Pigeon Hawk | | | | | | | | | | |
| Sparrow Hawk | | | | | | | | | | |
| GROUSE | | | | | | | | | | |
| Blue Grouse | | | | | | | | | | |
| Ruffed Grouse | | | | | | | | | | |
| Sharp-tailed Grouse * | | | | | | | | | | |
| Sage Grouse | | | | | | | | | | |
| QUAILS & PHEASANTS | | | | | | | | | | |
| California Quail | | | | | | | | | | |
| Gambel's Quail | | | | | | | | | | |
| Mountain Quail | | | | | | | | | | |
| Ring-necked Pheasant | | | | | | | | | | |
| Chukar | | | | | | | | | | |
| Gray Partridge | | | | | | | | | | |
| TURKEYS | | | | | | | | | | |
| Turkey | | | | | | | | | | |
| CRANES | | | | | | | | | | |
| Sandhill Crane | | | | | | | | | | |
| <i>Lesser Sandhill Crane</i> | | | | | | | | | | |
| <i>Greater Sandhill Crane</i> | | | | | | | | | | |
| RAILS, GALLINULES & COOTS | | | | | | | | | | |
| Clapper Rail | | | | | | | | | | |
| Virginia Rail | | | | | | | | | | |
| Sora | | | | | | | | | | |
| Yellow Rail * | | | | | | | | | | |
| Black Rail | | | | | | | | | | |

| | | | | | | | | | | |
|-------------------------------|--|--|--|--|--|--|--|--|--|--|
| Purple Gallinule * | | | | | | | | | | |
| Common Gallinule | | | | | | | | | | |
| American Coot | | | | | | | | | | |
| OYSTERCATCHERS | | | | | | | | | | |
| American Oystercatcher * | | | | | | | | | | |
| Black Oystercatcher | | | | | | | | | | |
| PLOVERS | | | | | | | | | | |
| Semipalmated Plover | | | | | | | | | | |
| Piping Plover * | | | | | | | | | | |
| Snowy Plover | | | | | | | | | | |
| Wilson's Plover * | | | | | | | | | | |
| Killdeer | | | | | | | | | | |
| Mountain Plover | | | | | | | | | | |
| American Golden Plover | | | | | | | | | | |
| <i>American Golden Plover</i> | | | | | | | | | | |
| <i>Pacific Golden Plover</i> | | | | | | | | | | |
| Black-bellied Plover | | | | | | | | | | |
| SANDPIPERS | | | | | | | | | | |
| Surfbird | | | | | | | | | | |
| Ruddy Turnstone | | | | | | | | | | |
| Black Turnstone | | | | | | | | | | |
| Common Snipe | | | | | | | | | | |
| European Jacksnipe * | | | | | | | | | | |
| Long-billed Curlew | | | | | | | | | | |
| Whimbrel | | | | | | | | | | |
| Upland Sandpiper * | | | | | | | | | | |
| Spotted Sandpiper | | | | | | | | | | |
| Solitary Sandpiper | | | | | | | | | | |
| Wandering Tattler | | | | | | | | | | |
| Willet | | | | | | | | | | |
| Greater Yellowlegs | | | | | | | | | | |
| Lesser Yellowlegs | | | | | | | | | | |
| Knot | | | | | | | | | | |
| Rock Sandpiper | | | | | | | | | | |
| Sharp-tailed Sandpiper * | | | | | | | | | | |
| Pectoral Sandpiper | | | | | | | | | | |
| White-rumped Sandpiper * | | | | | | | | | | |
| Baird's Sandpiper | | | | | | | | | | |
| Least Sandpiper | | | | | | | | | | |
| Curlew Sandpiper * | | | | | | | | | | |
| Dunlin | | | | | | | | | | |
| Short-billed Dowitcher | | | | | | | | | | |
| Long-billed Dowitcher | | | | | | | | | | |
| Stilt Sandpiper | | | | | | | | | | |
| Semipalmated Sandpiper * | | | | | | | | | | |

| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|------------------------------|---|---|---|---|---|---|---|---|---|----|
| Western Sandpiper | | | | | | | | | | |
| Buff-breasted Sandpiper * | | | | | | | | | | |
| Marbled Godwit | | X | | | | | | | | |
| Bar-tailed Godwit * | | | | | | | | | | |
| Ruff * | | | | | | | | | | |
| Sanderling | | | | | | | | | | |
| AVOCETS & STILTS | | | | | | | | | | |
| American Avocet | | | | | | | | | | |
| Black-necked Stilt | | | | | | | | | | |
| PHALAROPE | | | | | | | | | | |
| Red Phalarope | | | | | | | | | | |
| Wilson's Phalarope | | X | | | | | | | | |
| Northern Phalarope | | | | | | | | | | |
| JAEGERS & SKUAS | | | | | | | | | | |
| Pomarine Jaeger | | | | | | | | | | |
| Parasitic Jaeger | | | | | | | | | | |
| Long-tailed Jaeger * | | | | | | | | | | |
| Skua | | | | | | | | | | |
| GULLS & TERNS | | | | | | | | | | |
| Glaucous Gull | | X | | | | | | | | |
| Glaucous-winged Gull | | X | | | | | | | | |
| Western Gull | | X | | | | | | | | |
| <i>Northern Western Gull</i> | | | | | | | | | | |
| <i>Southern Western Gull</i> | | | | | | | | | | |
| <i>Yellow-legged Gull</i> | | | | | | | | | | |
| Herring Gull | | | | | | | | | | |
| Thayer's Gull | | | | | | | | | | |
| California Gull | | X | | | | | | | | |
| Ring-billed Gull | | X | | | | | | | | |
| Mew Gull | | | | | | | | | | |
| Black-headed Gull * | | | | | | | | | | |
| Laughing Gull | | | | | | | | | | |
| Franklin's Gull | | | | | | | | | | |
| Bonaparte's Gull | | X | | | | | | | | |
| Little Gull * | | | | | | | | | | |
| Heermann's Gull | | | | | | | | | | |
| Black-legged Kittiwake | | | | | | | | | | |
| Sabine's Gull | | | | | | | | | | |
| Gull-billed Tern | | | | | | | | | | |
| Forster's Tern | | | | | | | | | | |
| Common Tern | | | | | | | | | | |
| Arctic Tern | | | | | | | | | | |
| Least Tern | | | | | | | | | | |
| Royal Tern | | | | | | | | | | |

| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|-----------------------------------|---|---|---|---|---|---|---|---|---|----|
| Elegant Tern | | | | | | | | | | |
| Caspian Tern | | X | | | | | | | | |
| Black Tern | | | | | | | | | | |
| SKIMMERS | | | | | | | | | | |
| Black Skimmer * | | | | | | | | | | |
| AUKS, MURRES & PUFFINS | | | | | | | | | | |
| Common Murre | | | | | | | | | | |
| Thick-billed Murre * | | | | | | | | | | |
| Pigeon Guillemot | | | | | | | | | | |
| Marbled Murrelet | | | | | | | | | | |
| Kittlitz's Murrelet * | | | | | | | | | | |
| Xantus' Murrelet | | | | | | | | | | |
| <i>Northern Xantus' Murrelet</i> | | | | | | | | | | |
| <i>Guadalupe Xantus' Murrelet</i> | | | | | | | | | | |
| Craveri's Murrelet * | | | | | | | | | | |
| Ancient Murrelet | | | | | | | | | | |
| Cassin's Auklet | | | | | | | | | | |
| Parakeet Auklet * | | | | | | | | | | |
| Rhinoceros Auklet | | | | | | | | | | |
| Horned Puffin * | | | | | | | | | | |
| Tufted Puffin | | | | | | | | | | |
| PIGEONS & DOVES | | | | | | | | | | |
| Band-tailed Pigeon | | X | | | | | | | | |
| Rock Dove | | | | | | | | | | |
| White-winged Dove | | | | | | | | | | |
| Mourning Dove | | X | X | | | | | | | |
| Spotted Dove | | X | | | | | | | | |
| <i>M. palms -</i> | | | | | | | | | | |
| Ringed Turtle Dove | | | | | | | | | | |
| Ground Dove | | | | | | | | | | |
| Inca Dove | | | | | | | | | | |
| CUCKOOS & ROADRUNNERS | | | | | | | | | | |
| Yellow-billed Cuckoo | | | | | | | | | | |
| Black-billed Cuckoo * | | | | | | | | | | |
| Roadrunner | | | | | | | | | | |
| BARN OWLS | | | | | | | | | | |
| Barn Owl | | | | | | | | | | |
| TYPICAL OWLS | | | | | | | | | | |
| Screech Owl | | | | | | | | | | |
| Flammulated Owl | | | | | | | | | | |
| Great Horned Owl | | X | | | | | | | | |
| Snowy Owl * | | | | | | | | | | |
| Pygmy Owl | | | | | | | | | | |
| Elf Owl | | | | | | | | | | |
| <i>Corn Springs</i> | | | | | | | | | | |
| <i>2.5 county</i> | | | | | | | | | | |
| Burrowing Owl | | | | | | | | | | |
| Spotted Owl | | | | | | | | | | |

| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|--|---|---|---|---|---|---|---|---|---|----|
| Great Gray Owl | | | | | | | | | | |
| Long-eared Owl | | | | | | | | | | |
| Short-eared Owl | | | | | | | | | | |
| Saw-whet Owl | | | | | | | | | | |
| GOATSUCKERS | | | | | | | | | | |
| Whip-poor-will * | | | | | | | | | | |
| <i>Eastern Whip-poor-will</i> | | | | | | | | | | |
| <i>Stephen's Whip-poor-will</i> | | | | | | | | | | |
| Poor-will <i>island sp.</i> | | X | | | | | | | | |
| Common Nighthawk | | | | | | | | | | |
| Lesser Nighthawk | | | | | | | | | | |
| SWIFTS | | | | | | | | | | |
| Black Swift | | | | | | | | | | |
| Chimney Swift * | | | | | | | | | | |
| Vaux's Swift | | X | | | | | | | | |
| White-throated Swift | X | | | | | | | | | |
| HUMMINGBIRDS | | | | | | | | | | |
| Black-chinned Hummingbird | | | | | | | | | | |
| Costa's Hummingbird <i>island sp.</i> | X | | | | | | | | | |
| Anna's Hummingbird <i>island sp.</i> | X | X | | | | | | | | |
| Broad-tailed Hummingbird <i>island sp.</i> | | X | | | | | | | | |
| Rufous Hummingbird | X | X | | | | | | | | |
| Allen's Hummingbird | X | X | | | | | | | | |
| Calliope Hummingbird | | | | | | | | | | |
| Broad-billed Hummingbird * | | | | | | | | | | |
| KINGFISHERS | | X | | | | | | | | |
| Belted Kingfisher | | | | | | | | | | |
| WOODPECKERS | | | | | | | | | | |
| Common Flicker | | | | | | | | | | |
| <i>Yellow-shafted Flicker</i> | | | | | | | | | | |
| <i>Red-shafted Flicker</i> | | X | | | | | | | | |
| <i>Gilded Flicker</i> | | | | | | | | | | |
| Pileated Woodpecker | | | | | | | | | | |
| Gila Woodpecker | | | | | | | | | | |
| Red-headed Woodpecker * | | | | | | | | | | |
| Acorn Woodpecker | X | | | | | | | | | |
| Lewis' Woodpecker | | | | | | | | | | |
| Yellow-bellied Sapsucker * | | | | | | | | | | |
| Red-naped Sapsucker | | | | | | | | | | |
| Red-breasted Sapsucker | | | | | | | | | | |
| Williamson's Sapsucker | | | | | | | | | | |
| Hairy Woodpecker | | | | | | | | | | |
| Downy Woodpecker | | X | | | | | | | | |
| Ladder-backed Woodpecker | X | | | | | | | | | |
| Nuttall's Woodpecker | | | | | | | | | | |

White-headed Woodpecker
Bl-backed 3-toed Woodpecker
TYRANT FLYCATCHERS

| | | | | | | | | | | |
|---|---|---|--|--|--|--|--|--|--|--|
| Eastern Kingbird | | | | | | | | | | |
| Thick-billed Kingbird * | | | | | | | | | | |
| Tropical Kingbird | | | | | | | | | | |
| Western Kingbird | X | | | | | | | | | |
| Cassin's Kingbird | | | | | | | | | | |
| Scissor-tailed Flycatcher * | | | | | | | | | | |
| Great Crested Flycatcher * | | | | | | | | | | |
| Wied's Crested Flycatcher | | | | | | | | | | |
| Ash-throated Flycatcher <i>island sp.</i> | X | | | | | | | | | |
| Olivaceous Flycatcher * <i>island sp.</i> | | | | | | | | | | |
| Eastern Phoebe * | | | | | | | | | | |
| Black Phoebe | | X | | | | | | | | |
| Say's Phoebe | | | | | | | | | | |
| Willow Flycatcher | | | | | | | | | | |
| Least Flycatcher * | | | | | | | | | | |
| Hammond's Flycatcher | | | | | | | | | | |
| Dusky Flycatcher | | | | | | | | | | |
| Gray Flycatcher | | | | | | | | | | |
| Western Flycatcher | | X | | | | | | | | |
| Coues' Flycatcher * | | | | | | | | | | |
| Western Wood Pewee | | | | | | | | | | |
| Olive-sided Flycatcher | | X | | | | | | | | |
| Vermilion Flycatcher | | | | | | | | | | |

LARKS

Horned Lark

SWALLOWS

| | | | | | | | | | | |
|----------------------|---|---|--|--|--|--|--|--|--|--|
| Violet-green Swallow | | X | | | | | | | | |
| Tree Swallow | | X | | | | | | | | |
| Bank Swallow | | | | | | | | | | |
| Rough-winged Swallow | | X | | | | | | | | |
| Barn Swallow | | X | | | | | | | | |
| Cliff Swallow | X | X | | | | | | | | |
| Purple Martin | | | | | | | | | | |

JAYS, MAGPIES & CROWS

| | | | | | | | | | | |
|------------------------------|---|---|--|--|--|--|--|--|--|--|
| Gray Jay | | | | | | | | | | |
| Blue Jay * | | | | | | | | | | |
| Steller's Jay | | | | | | | | | | |
| <i>Coastal Steller's Jay</i> | | | | | | | | | | |
| <i>Long-crested Jay</i> | | | | | | | | | | |
| Scrub Jay | X | | | | | | | | | |
| <i>Woodhouse Jay</i> | | | | | | | | | | |
| <i>California Jay</i> | | X | | | | | | | | |
| <i>Santa Cruz Island Jay</i> | | | | | | | | | | |

| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|------------------------------------|---|---|---|---|---|---|---|---|---|----|
| Black-billed Magpie | | | | | | | | | | |
| Yellow-billed Magpie <i>Pushed</i> | X | | | | | | | | | |
| Common Raven | X | X | | | | | | | | |
| Common Crow | X | | | | | | | | | |
| Piñon Jay | | | | | | | | | | |
| Clark's Nutcracker | | | | | | | | | | |
| TITMICE, VERDINS & BUSHTITS | | | | | | | | | | |
| Black-capped Chickadee | | | | | | | | | | |
| Mountain Chickadee | X | | | | | | | | | |
| Chestnut-backed Chickadee | | X | | | | | | | | |
| Plain Titmouse | | | | | | | | | | |
| <i>Plain Titmouse</i> | | | | | | | | | | |
| <i>Gray Titmouse</i> | X | | | | | | | | | |
| Verdin | X | | | | | | | | | |
| Common Bushtit | | X | | | | | | | | |
| <i>Coastal Bushtit</i> | | | | | | | | | | |
| <i>Lead-colored Bushtit</i> | | | | | | | | | | |
| NUTHATCHES | | | | | | | | | | |
| White-breasted Nuthatch | | | | | | | | | | |
| Red-breasted Nuthatch | | | | | | | | | | |
| Pygmy Nuthatch | | X | | | | | | | | |
| CREEPERS | | | | | | | | | | |
| Brown Creeper | | | | | | | | | | |
| WRENTITS | | | | | | | | | | |
| Wrentit | | X | | | | | | | | |
| DIPPERS | | | | | | | | | | |
| Dipper | | | | | | | | | | |
| WRENS | | | | | | | | | | |
| House Wren <i>11-12-13-14-15</i> | X | | | | | | | | | |
| Winter Wren | | | | | | | | | | |
| Bewick's Wren | | X | | | | | | | | |
| Cactus Wren | X | | | | | | | | | |
| Long-billed Marsh Wren | | | | | | | | | | |
| Cañon Wren | | | | | | | | | | |
| Rock Wren | X | | | | | | | | | |
| MOCKINGBIRDS & THRASHERS | | | | | | | | | | |
| Mockingbird | X | | | | | | | | | |
| Catbird * | | X | | | | | | | | |
| Brown Thrasher * | | | | | | | | | | |
| Bendire's Thrasher | | | | | | | | | | |
| Curve-billed Thrasher * | | | | | | | | | | |
| California Thrasher | | | | | | | | | | |
| Le Conte's Thrasher | | | | | | | | | | |
| Crissal Thrasher | | | | | | | | | | |

Sage Thrasher THRUSHES & SOLITARES

| | | | | | | | | | | |
|---|---|---|--|--|--|--|--|--|--|--|
| Robin | X | X | | | | | | | | |
| Varied Thrush | | | | | | | | | | |
| Wood Thrush * | | | | | | | | | | |
| Hermit Thrush | | X | | | | | | | | |
| Swainson's Thrush <i>species (1915)</i> | X | X | | | | | | | | |
| Gray-cheeked Thrush * | | | | | | | | | | |
| Western Bluebird | X | | | | | | | | | |
| Mountain Bluebird | | | | | | | | | | |
| Wheatear * | | | | | | | | | | |

Townsend's Solitaire *C.S.* GNATCATCHERS & KINGLETS

| | | | | | | | | | | |
|---------------------------------|---|---|--|--|--|--|--|--|--|--|
| Blue-gray Gnatcatcher | X | X | | | | | | | | |
| Black-tailed Gnatcatcher | | | | | | | | | | |
| <i>Plumbeous Gnatcatcher</i> | | | | | | | | | | |
| <i>Black-tailed Gnatcatcher</i> | | | | | | | | | | |
| Golden-crowned Kinglet | | | | | | | | | | |
| Ruby-crowned Kinglet | X | X | | | | | | | | |

PIPITS & WAGTAILS

| | | | | | | | | | | |
|----------------------|--|--|--|--|--|--|--|--|--|--|
| Water Pipit | | | | | | | | | | |
| Red-throated Pipit * | | | | | | | | | | |

WAXWINGS

| | | | | | | | | | | |
|------------------|--|---|--|--|--|--|--|--|--|--|
| Bohemian Waxwing | | | | | | | | | | |
| Cedar Waxwing | | X | | | | | | | | |

SILKY FLYCATCHERS

| | | | | | | | | | | |
|-------------|---|--|--|--|--|--|--|--|--|--|
| Phainopepla | X | | | | | | | | | |
|-------------|---|--|--|--|--|--|--|--|--|--|

SHRIKES

| | | | | | | | | | | |
|-------------------|---|--|--|--|--|--|--|--|--|--|
| Northern Shrike | X | | | | | | | | | |
| Loggerhead Shrike | X | | | | | | | | | |

STARLINGS

| | | | | | | | | | | |
|----------|---|---|--|--|--|--|--|--|--|--|
| Starling | X | X | | | | | | | | |
|----------|---|---|--|--|--|--|--|--|--|--|

VIREOS

| | | | | | | | | | | |
|----------------------------|---|---|--|--|--|--|--|--|--|--|
| White-eyed Vireo * | | | | | | | | | | |
| Hutton's Vireo | | | | | | | | | | |
| Bell's Vireo | | | | | | | | | | |
| Gray Vireo | | | | | | | | | | |
| Yellow-throated Vireo * | | | | | | | | | | |
| Solitary Vireo | | | | | | | | | | |
| <i>Cassin's Vireo</i> | | | | | | | | | | |
| <i>Plumbeous Vireo</i> | | | | | | | | | | |
| Yellow-green Vireo * | | | | | | | | | | |
| Red-eyed Vireo * | | | | | | | | | | |
| Philadelphia Vireo * | | | | | | | | | | |
| Warbling Vireo <i>C.S.</i> | X | X | | | | | | | | |

| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|--------------------------------|---|---|---|---|---|---|---|---|---|----|
| Dickcissel * | | | | | | | | | | |
| Evening Grosbeak | | | | | | | | | | |
| Purple Finch | | X | | | | | | | | |
| Cassin's Finch | | | | | | | | | | |
| House Finch | X | X | | | | | | | | |
| Pine Grosbeak | | | | | | | | | | |
| Rosy Finch | | | | | | | | | | |
| <i>Gray-crowned Rosy Finch</i> | | | | | | | | | | |
| <i>Hepburn's Rosy Finch</i> | | | | | | | | | | |
| <i>Black Rosy Finch</i> | | | | | | | | | | |
| Common Redpoll * | | | | | | | | | | |
| Pine Siskin | | X | | | | | | | | |
| American Goldfinch | | X | | | | | | | | |
| Lesser Goldfinch | | X | | | | | | | | |
| Lawrence's Goldfinch | | X | | | | | | | | |
| Red Crossbill | | | | | | | | | | |
| Green-tailed Towhee | | | | | | | | | | |
| Rufous-sided Towhee | | X | | | | | | | | |
| Brown Towhee | | X | | | | | | | | |
| Abert's Towhee | | | | | | | | | | |
| Lark Bunting | | | | | | | | | | |
| Savannah Sparrow | | X | | | | | | | | |
| <i>Savannah Sparrow</i> | X | | | | | | | | | |
| <i>Belding's Sparrow</i> | | | | | | | | | | |
| <i>Large-billed Sparrow</i> | | | | | | | | | | |
| Grasshopper Sparrow | | | | | | | | | | |
| Baird's Sparrow * | | | | | | | | | | |
| Le Conte's Sparrow * | | | | | | | | | | |
| Sharp-tailed Sparrow * | | | | | | | | | | |
| Vesper Sparrow | | X | | | | | | | | |
| Lark Sparrow | | X | | | | | | | | |
| Rufous-crowned Sparrow | | | | | | | | | | |
| Cassin's Sparrow * | | | | | | | | | | |
| Black-throated Sparrow | X | | | | | | | | | |
| Sage Sparrow | | | | | | | | | | |
| <i>Bell's Sparrow</i> | | | | | | | | | | |
| <i>Sage Sparrow</i> | | | | | | | | | | |
| Dark-eyed Junco | | | | | | | | | | |
| <i>Slate-colored Junco</i> | X | | | | | | | | | |
| <i>Oregon Junco</i> | X | | | | | | | | | |
| <i>Pink-sided Junco</i> | | | | | | | | | | |
| <i>Gray-headed Junco</i> | | | | | | | | | | |
| Tree Sparrow | | | | | | | | | | |
| Chipping Sparrow | | | | | | | | | | |
| Clay-colored Sparrow * | | | | | | | | | | |

| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|--------------------------------|---|---|---|---|---|---|---|---|---|----|
| Brewer's Sparrow | | | | | | | | | | |
| Field Sparrow * | | | | | | | | | | |
| Black-chinned Sparrow | | | | | | | | | | |
| Harris' Sparrow | | | | | | | | | | |
| White-crowned Sparrow | X | X | | | | | | | | |
| <i>Yellow-billed forms</i> | | | | | | | | | | |
| <i>White-lored forms</i> | X | | | | | | | | | |
| <i>Black-lored forms</i> | | | | | | | | | | |
| Golden-crowned Sparrow | X | X | | | | | | | | |
| White-throated Sparrow | | | | | | | | | | |
| Fox Sparrow | | X | | | | | | | | |
| <i>Rusty eastern forms</i> | | | | | | | | | | |
| <i>Gray southwestern forms</i> | | | | | | | | | | |
| <i>Brown northern forms</i> | | | | | | | | | | |
| Lincoln's Sparrow | | X | | | | | | | | |
| Swamp Sparrow | | X | | | | | | | | |
| Song Sparrow | | X | | | | | | | | |
| <i>Northwestern forms</i> | | | | | | | | | | |
| <i>Mountain forms</i> | | | | | | | | | | |
| <i>California forms</i> | | | | | | | | | | |
| <i>Desert forms</i> | | | | | | | | | | |
| McCown's Longspur * | | | | | | | | | | |
| Lapland Longspur | | | | | | | | | | |
| Chestnut-collared Longspur * | | | | | | | | | | |
| Snow Bunting * | | | | | | | | | | |

Locality
Observer(s)
6. Date Time to Wind
Weather Totals: Species Individuals
Remarks

Locality
Observer(s)
7. Date Time to Wind
Weather Totals: Species Individuals
Remarks

Locality
Observer(s)
8. Date Time to Wind
Weather Totals: Species Individuals
Remarks

Locality
Observer(s)
9. Date Time to Wind
Weather Totals: Species Individuals
Remarks

Locality
Observer(s)
10. Date Time to Wind
Weather Totals: Species Individuals
Remarks

NOTES:

This list contains 512 species arranged in the order presented in the A.O.U. Check-list of North American Birds, Fifth Edition, 1957. The nomenclature follows that used in the Check-list, except those changes presented by McCaskie et. al. (California Birds, 1:4-28, 1970) have been followed. In a few cases distinct formes or races of migratory species, which may be determined in the field, have been indicated in *italic* below the species. Those species occurring casually or accidentally in California are followed by an asterisk (*). Observations of any of these birds should be reported, along with complete details, to the Rare Bird Committee.

CALIFORNIA FIELD ORNITHOLOGISTS

P. O. Box 369

Del Mar, California 92014

Rare bird reports should be sent to Jon Winter, Secretary, Rare Bird Committee, Point Reyes Bird Observatory, Mesa Rd., Bolinas, California 94924.

8/15

Sol. 4-12

